

# TRANSHUMAN AGENDA

Posljednje stoljeće  
*Homo sapiensa* ?

Korado Korlević

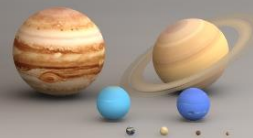
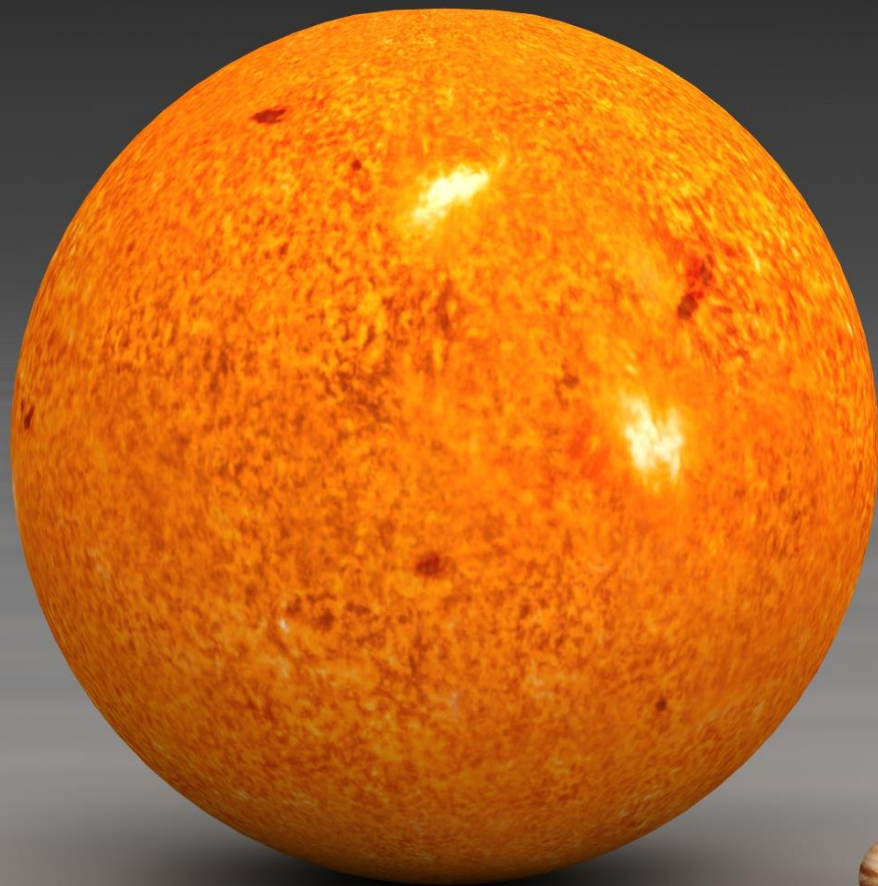


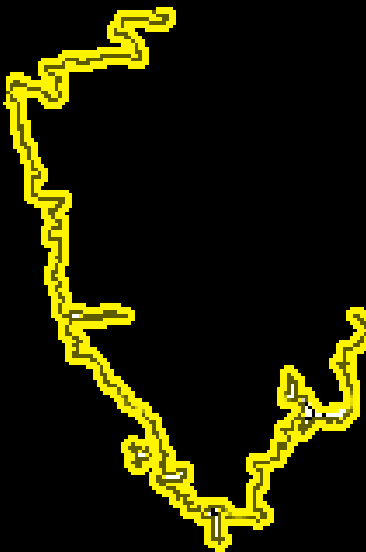
Visnjan Observatory



C code 101  
ezdarnice Vismar, Tiran







243 Ida -  $58.8 \times 25.4 \times 18.6$  km  
Galileo, 1993

Dactyl  
[(243) Ida I]  
 $1.6 \times 1.2$  km  
Galileo, 1993



9969 Braille  
 $2.1 \times 1 \times 1$  km  
Deep Space 1, 1999



5535 Annefrank  
 $6.6 \times 5.0 \times 3.4$  km  
Stardust, 2002



2867 Steins  
 $5.9 \times 4.0$  km  
Rosetta, 2008

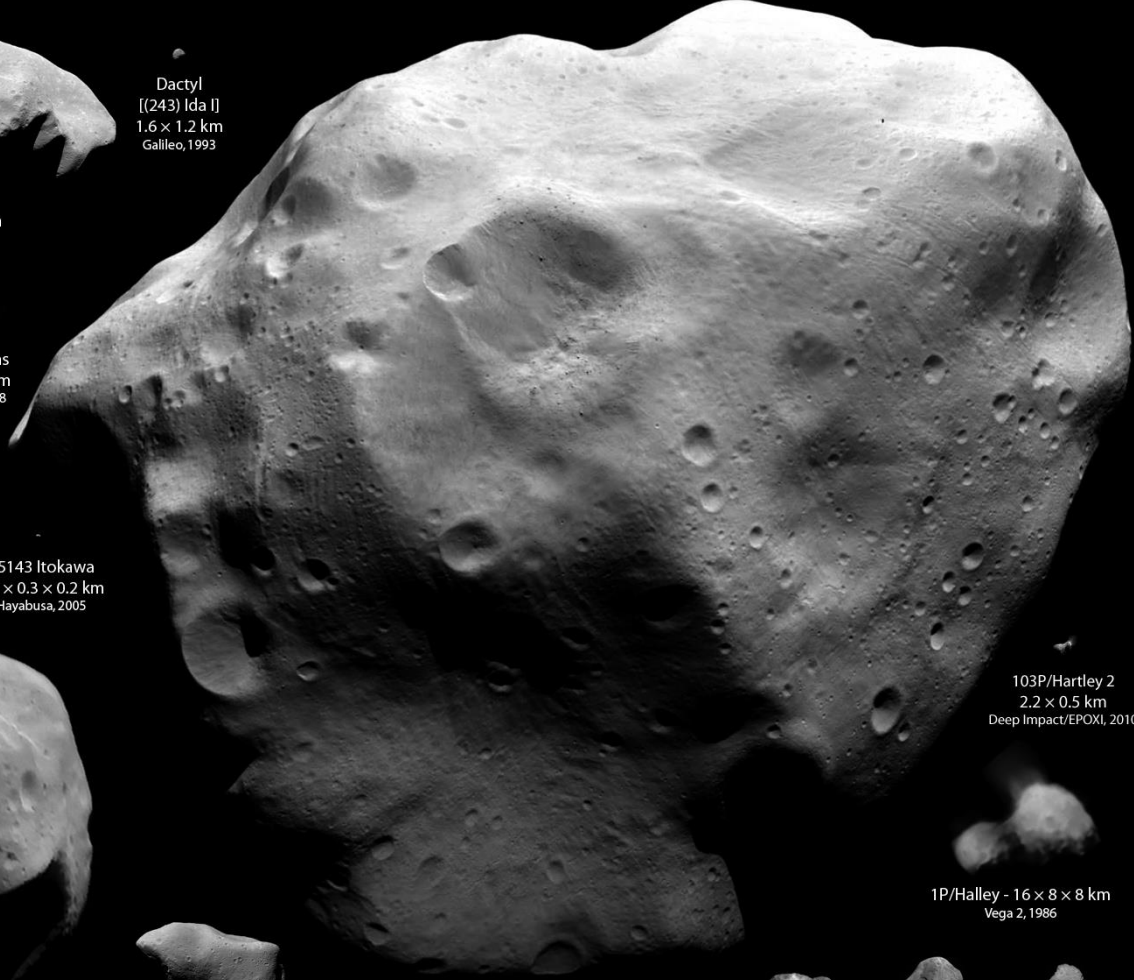


433 Eros -  $33 \times 13$  km  
NEAR, 2000

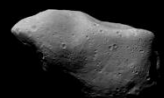


253 Mathilde -  $66 \times 48 \times 44$  km  
NEAR, 1997

25143 Itokawa  
 $0.5 \times 0.3 \times 0.2$  km  
Hayabusa, 2005



103P/Hartley 2  
 $2.2 \times 0.5$  km  
Deep Impact/EPOXI, 2010



21 Lutetia -  $132 \times 101 \times 76$  km  
Rosetta, 2010

951 Gaspra -  $18.2 \times 10.5 \times 8.9$  km  
Galileo, 1991



19P/Borrelly  
 $8 \times 4$  km  
Deep Space 1, 2001



9P/Tempel 1  
 $7.6 \times 4.9$  km  
Deep Impact, 2005



81P/Wild 2  
 $5.5 \times 4.0 \times 3.3$  km  
Stardust, 2004

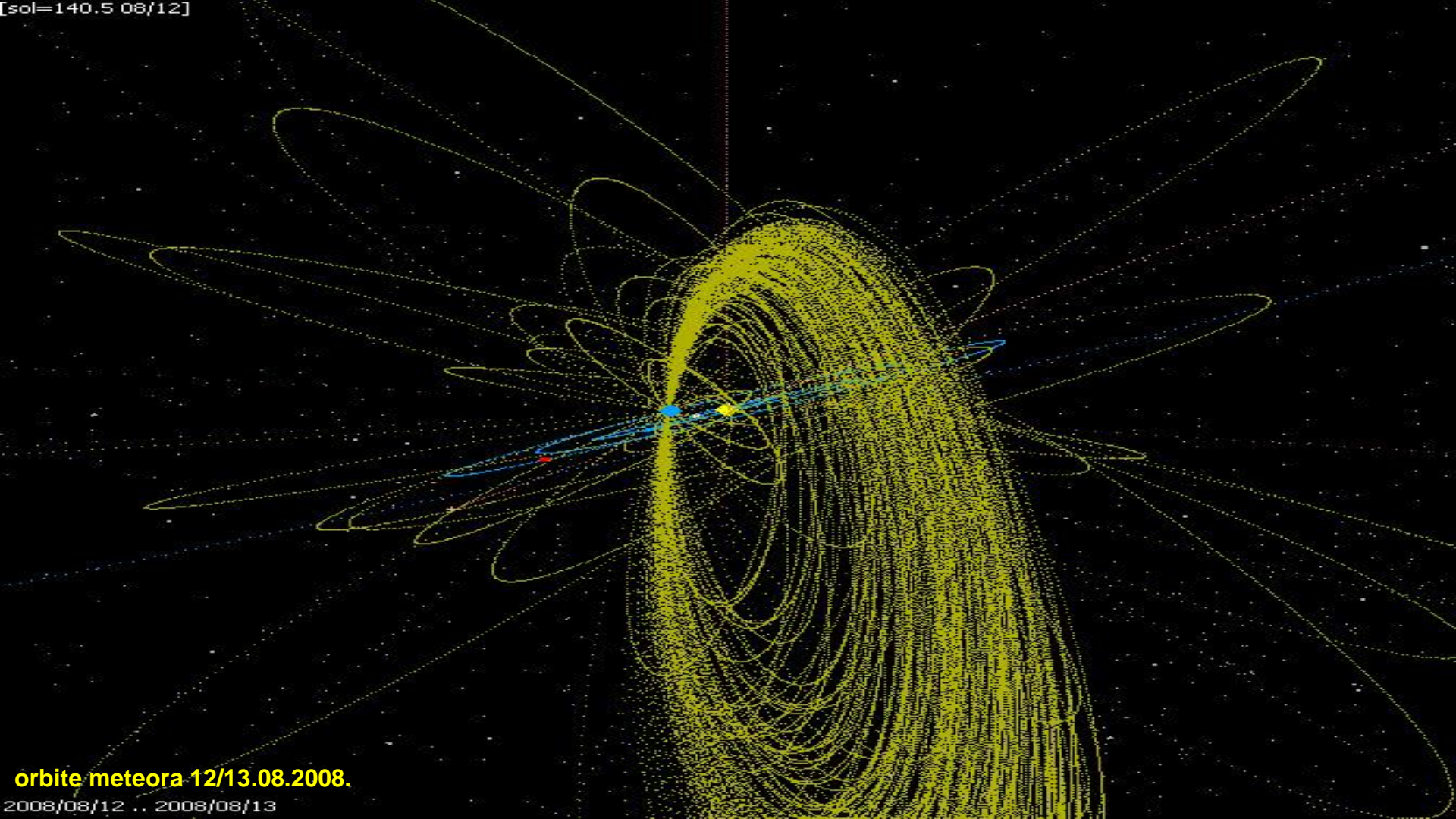
1P/Halley -  $16 \times 8 \times 8$  km  
Vega 2, 1986







[sol=140.5 08/12]



orbite meteora 12/13.08.2008.

2008/08/12 .. 2008/08/13



## comet Swift-Tuttle

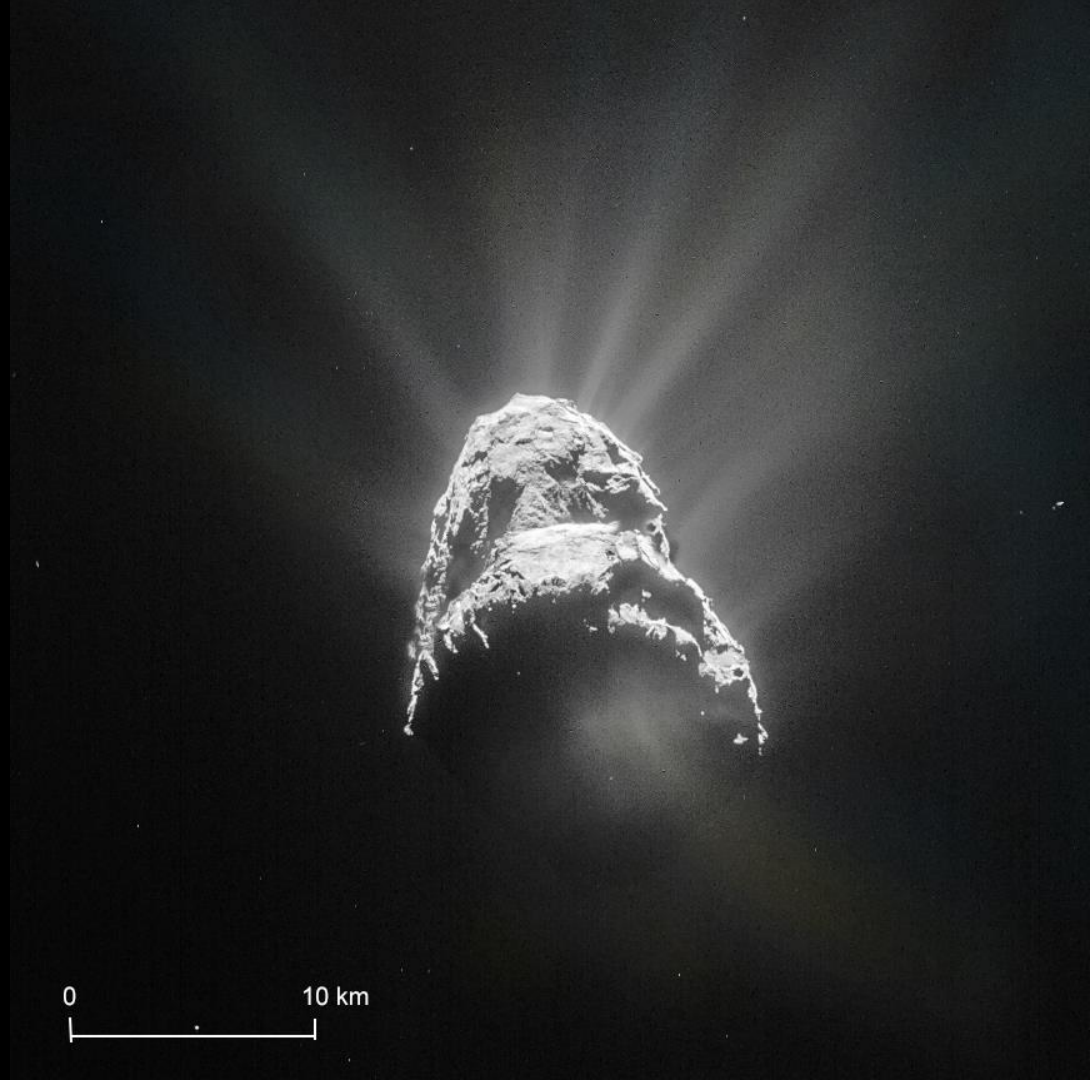
Earth MOID 0.0009 AU (130,000 km)

Dimensions Ø 26 km

Last perihelion December 11, 1992

Next perihelion July 12, 2126

**“... the single most dangerous  
object known to humanity**



## **Meteor Crater**

Arizona desert

It is about 1,200 m in diameter,  
Some 170 m deep, and is  
surrounded by a rim that  
rises 45 m above the surrounding  
plains.

The crater was created about  
50,000 years ago





## **Pingualuit**

### **Impact Crater**

formerly called Chubb Crater,  
located on the Ungava  
Peninsula, New Quebec,  
Canada.

It is 3.44 km in diameter, and  
is estimated to be 1.4 million  
years old

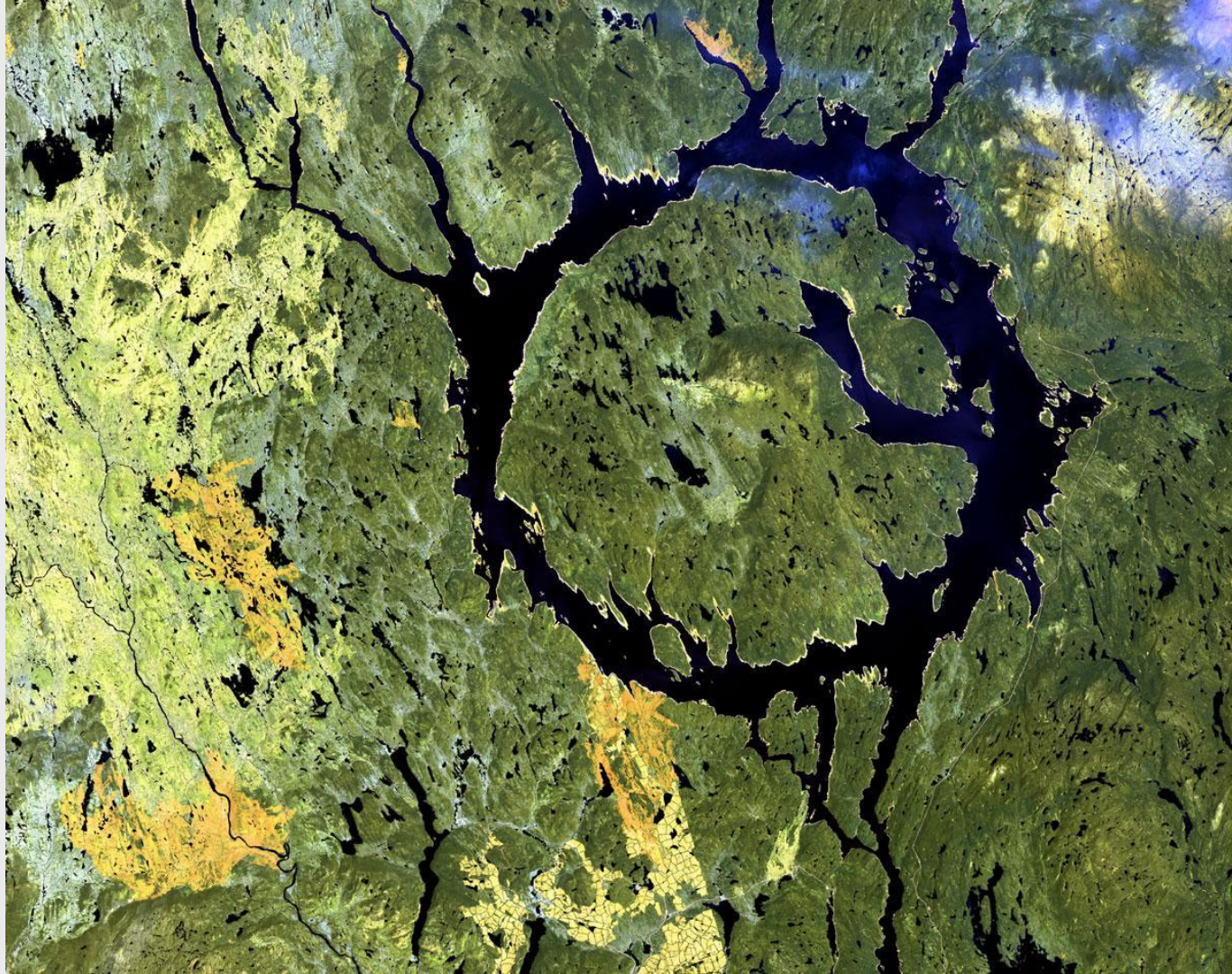




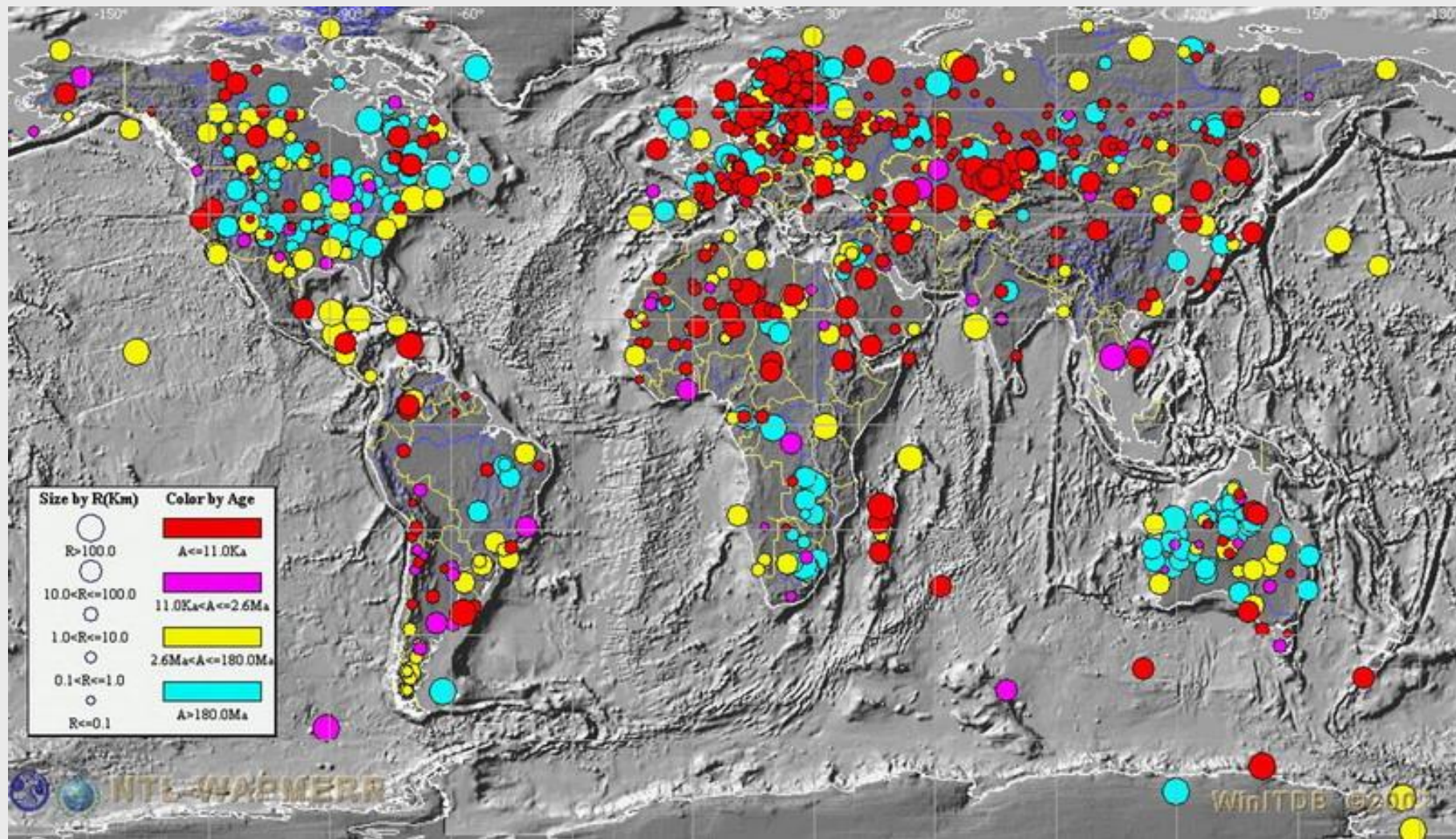
## Manicouagan

A lake-filled crater, in Quebec is one the largest and best-preserved crater on the planet.

The 100 km wide crater is 214 million years old.



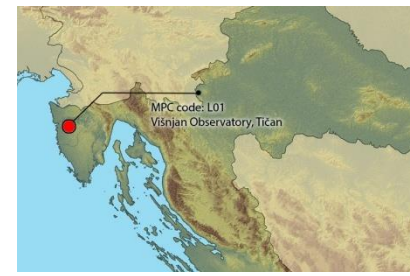




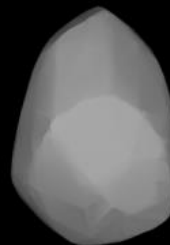
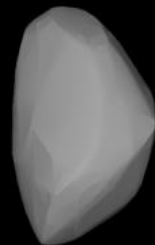
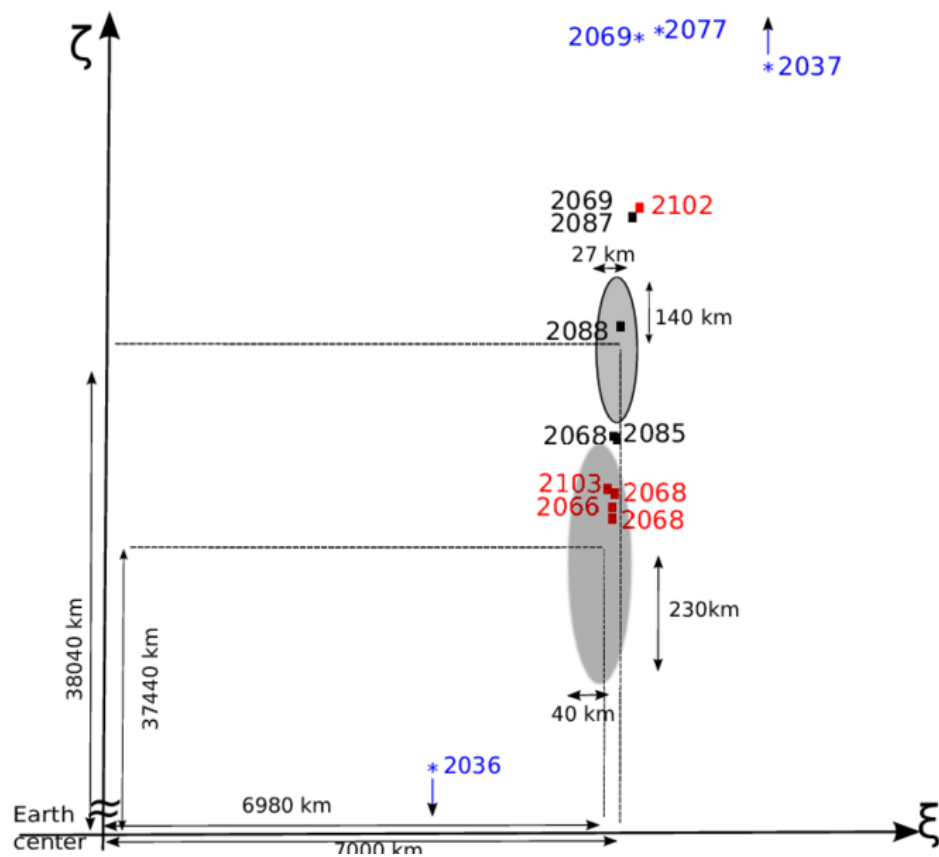




**MPC L01**  
Visnjan Observatory, Tičan



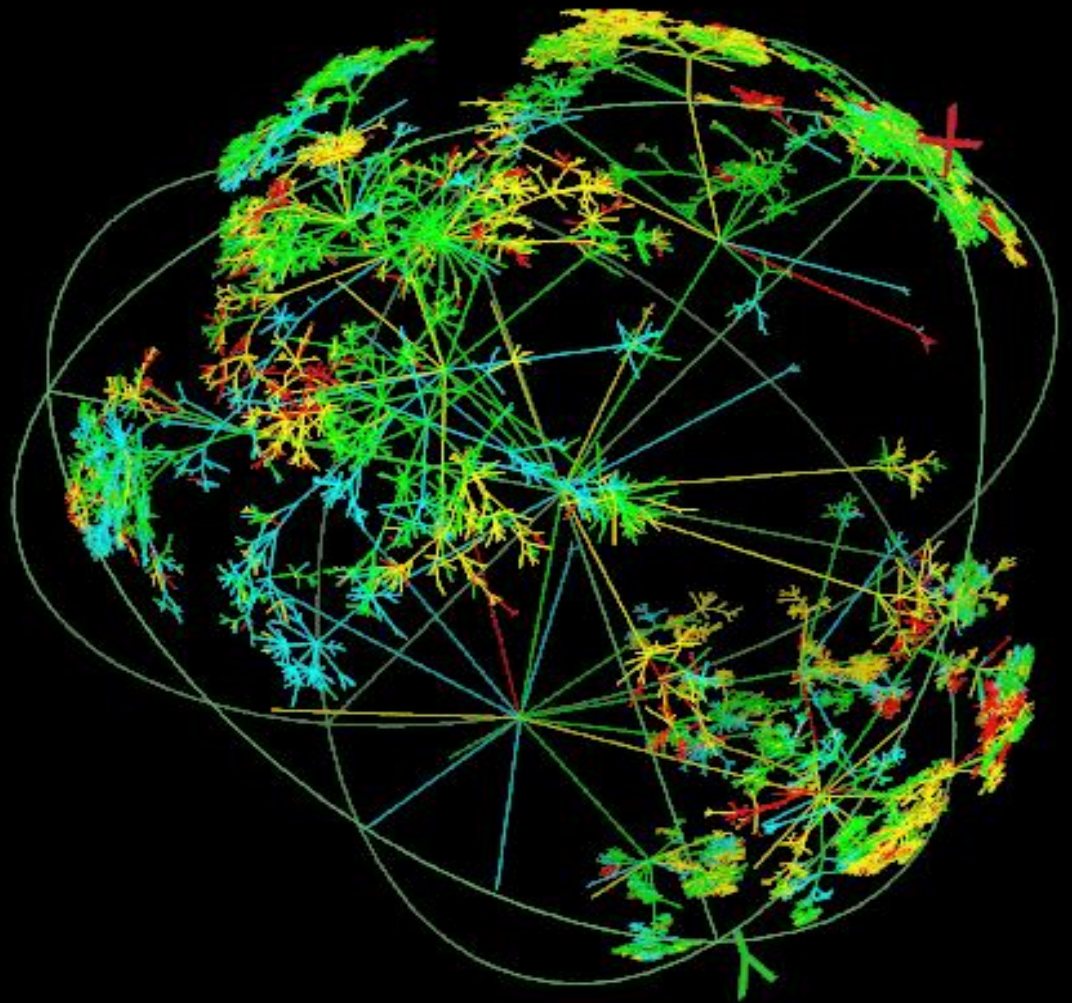


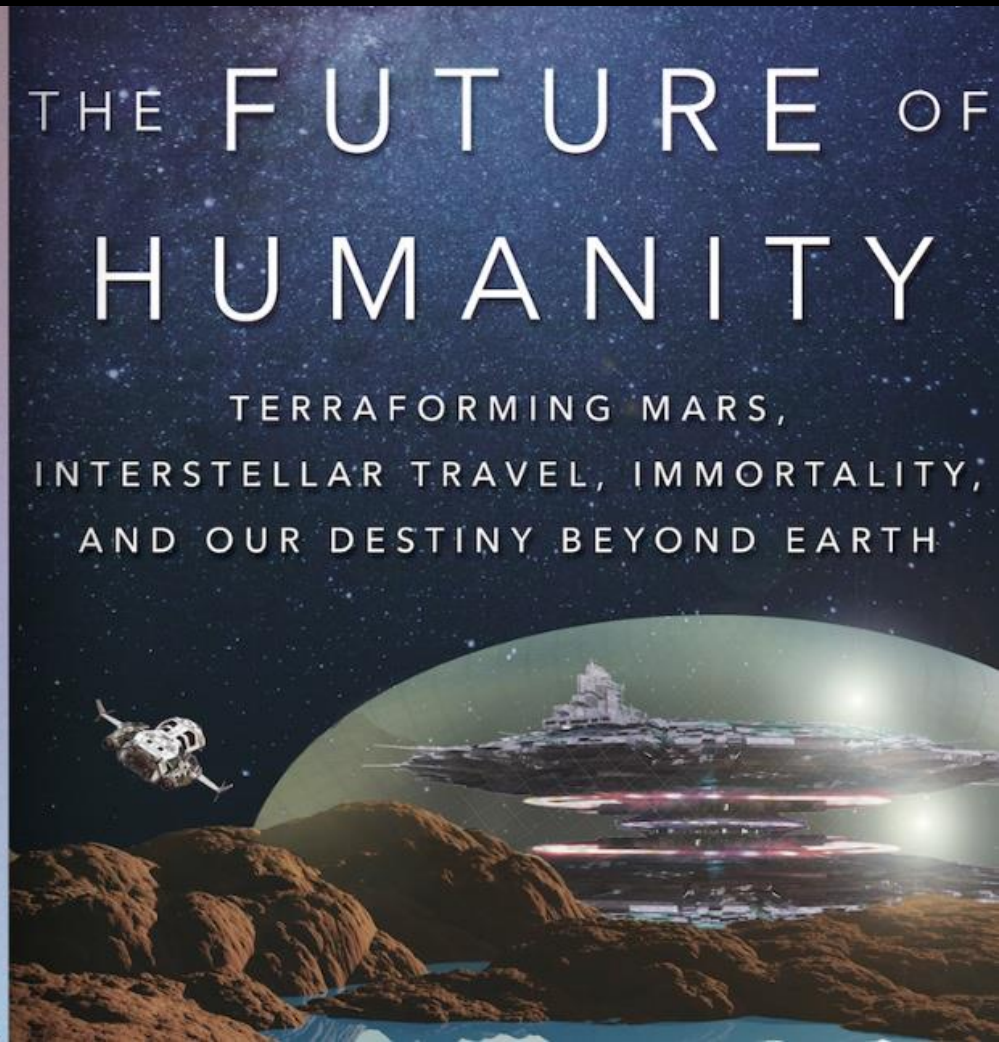






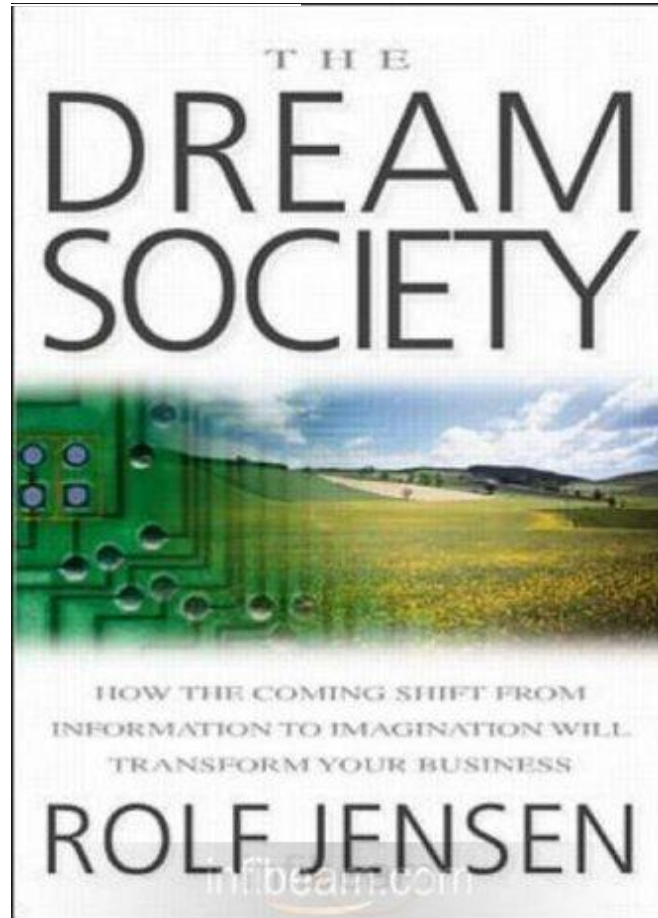
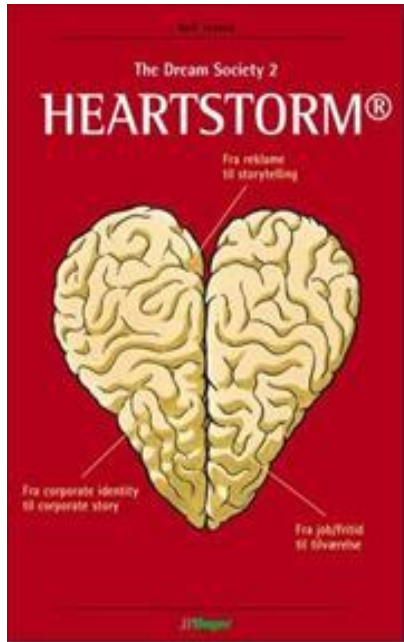
FUTURE,  
always starts now.







# Rolf Jensen



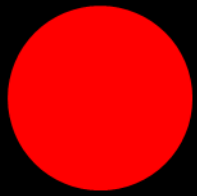
## Bhutan on the pursuit of happiness above GDP

1. Good Governance
2. Conservation of the environment
3. Preservation and promotion of culture
4. Sustainable and equitable socio-economic development





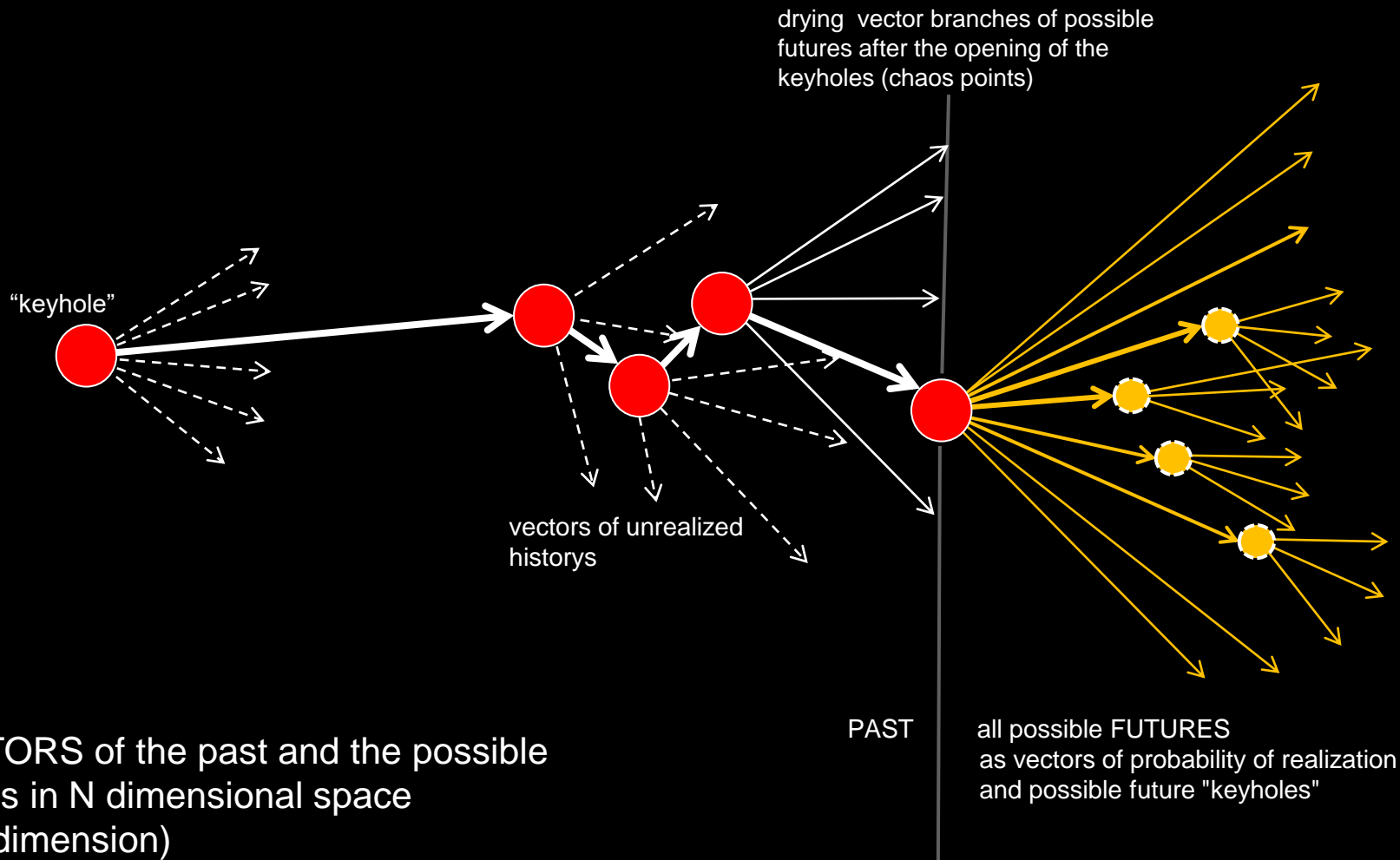




COVID 19



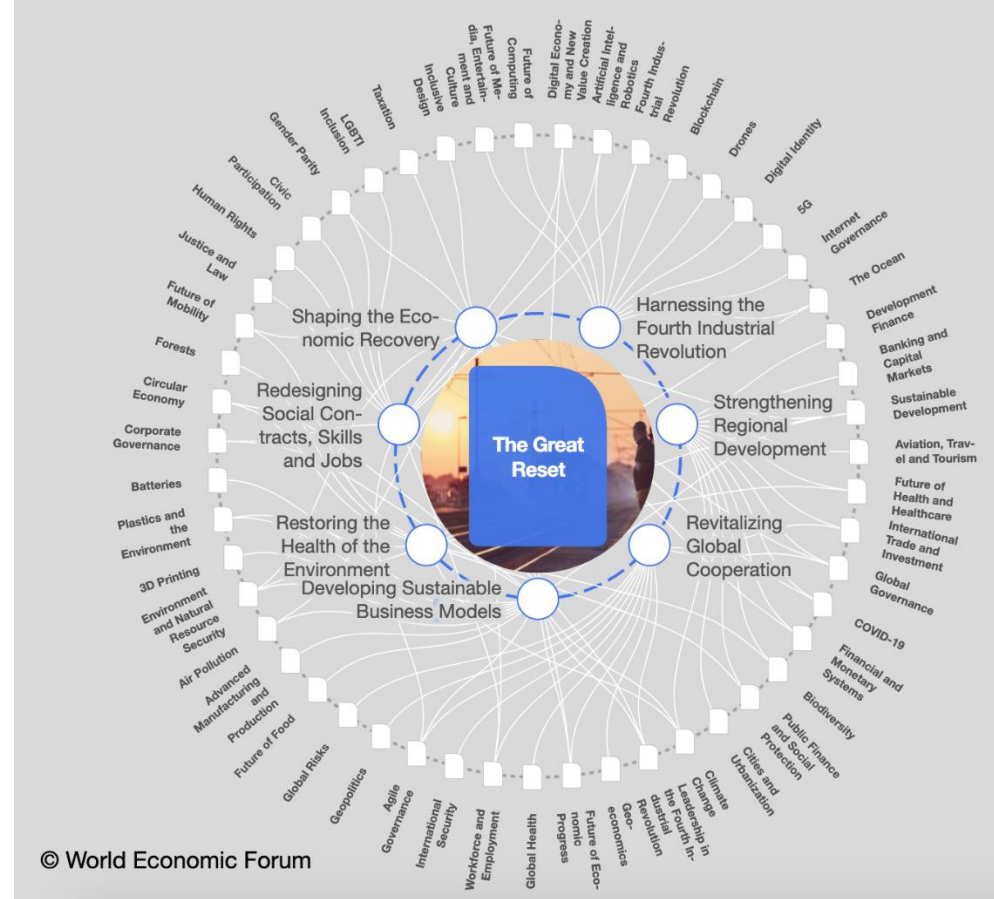




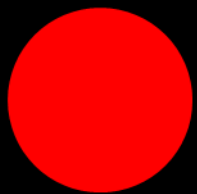
# Great Reset

from WIKI:

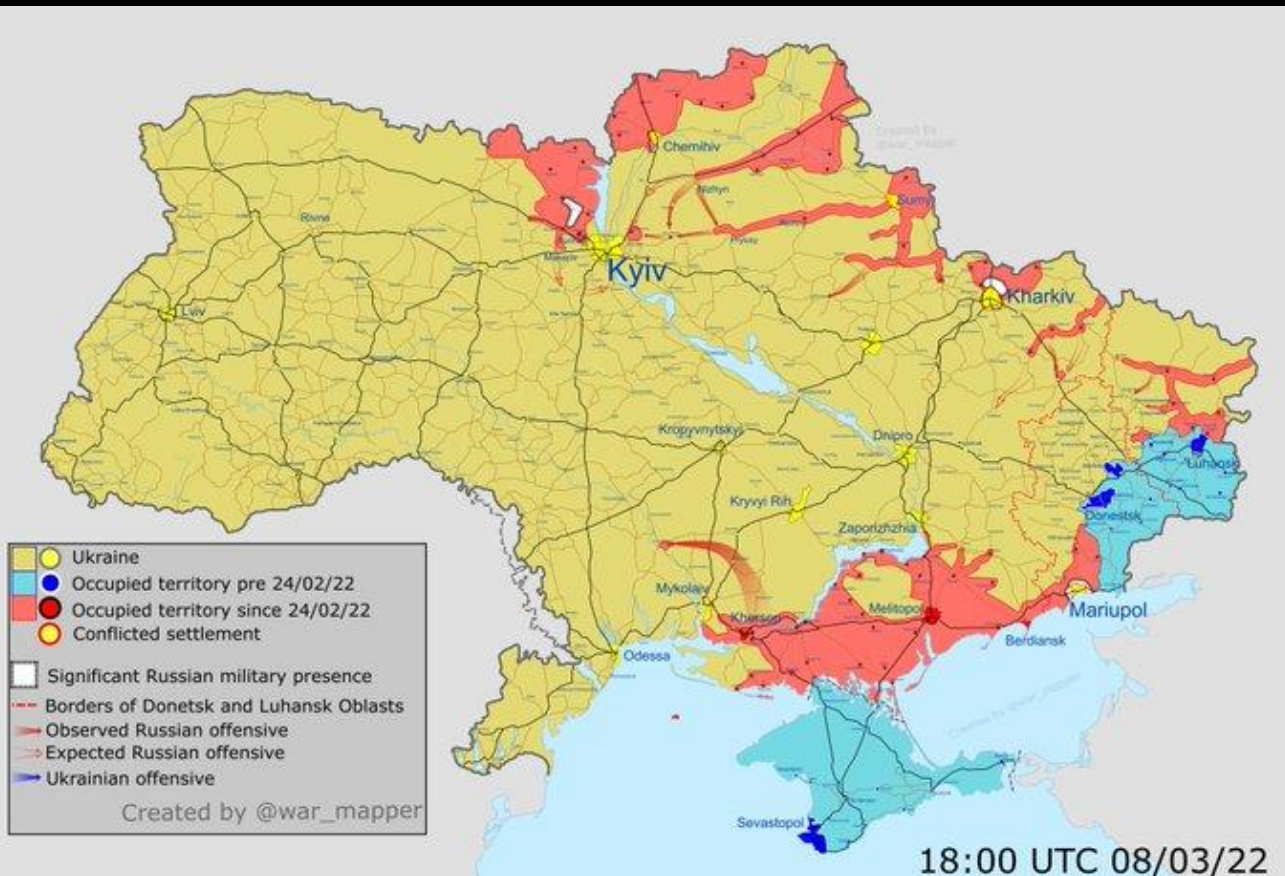
The Great Reset is a proposal by the **World Economic Forum** (WEF) to rebuild the economy sustainably following the COVID-19 pandemic. It was unveiled in **May 2020** by the United Kingdom's Prince Charles and WEF director Klaus Schwab. It seeks **to improve capitalism** by making investments more geared toward mutual progress and focusing more on environmental initiatives. It has been criticized for using the pandemic to implement a risky experiment and a petition to stop it gained 80,000 signatures in less than 72 hours. A conspiracy theory has spread in response, claiming it will be used to bring in socialist and environmental changes and a supposed **New World Order**.







## Ukraine war







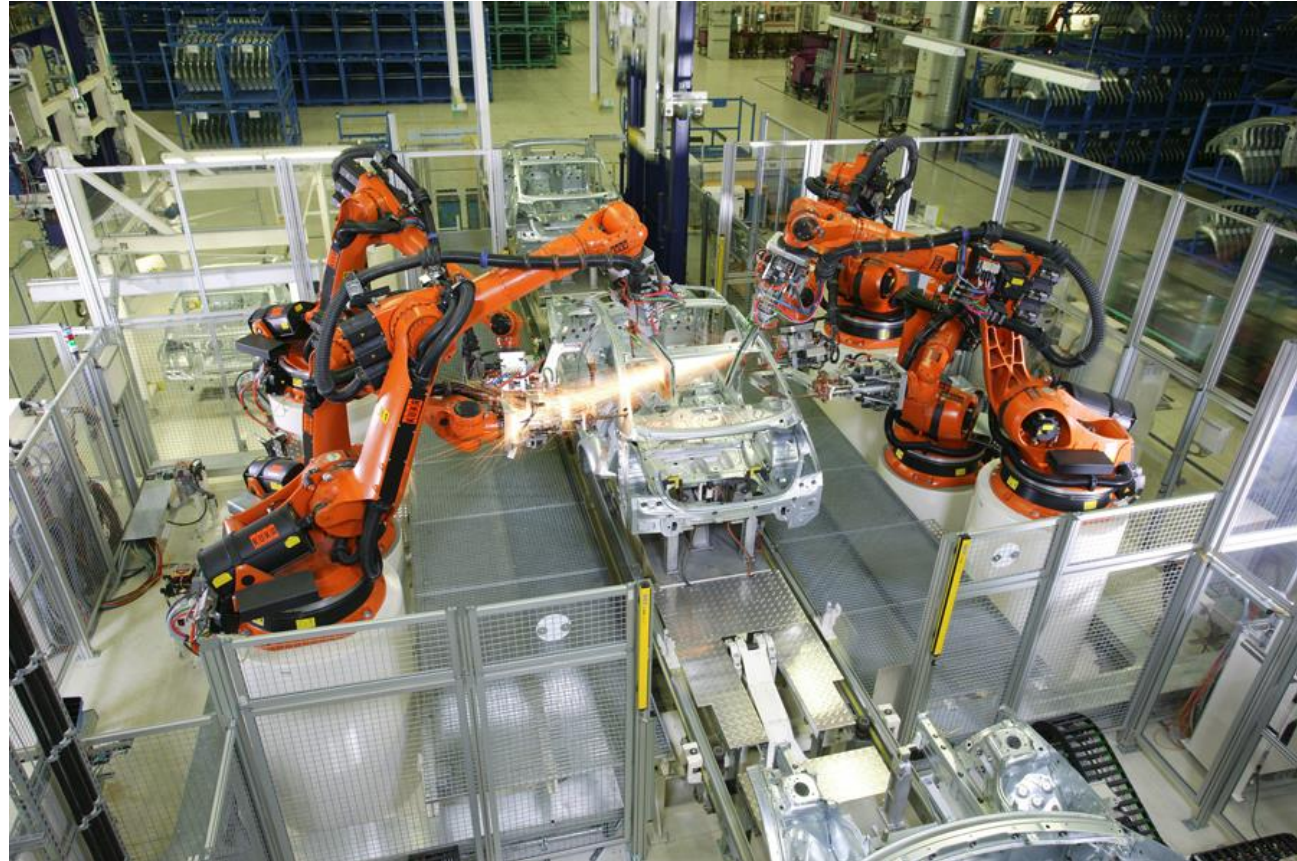


## Kuka's Chief Executive Till Reuter is to be replaced. German robot maker Kuka's CEO to be replaced by Chinese owners nearly two years after a hostile Chinese takeover.

Date: 24.11.2018.

**Kuka**, headquartered in Augsburg, Germany, is a leading manufacturer of industrial robots and solutions for factory automation. The company developed its first industrial robot in **1973**.

Its robots are used in the automotive industry, plastics, metalworking, And the electronics industry, among others.



DER SPIEGEL

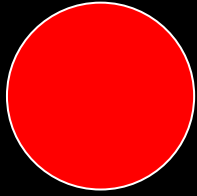


# DIE GELBEN SPIIONE

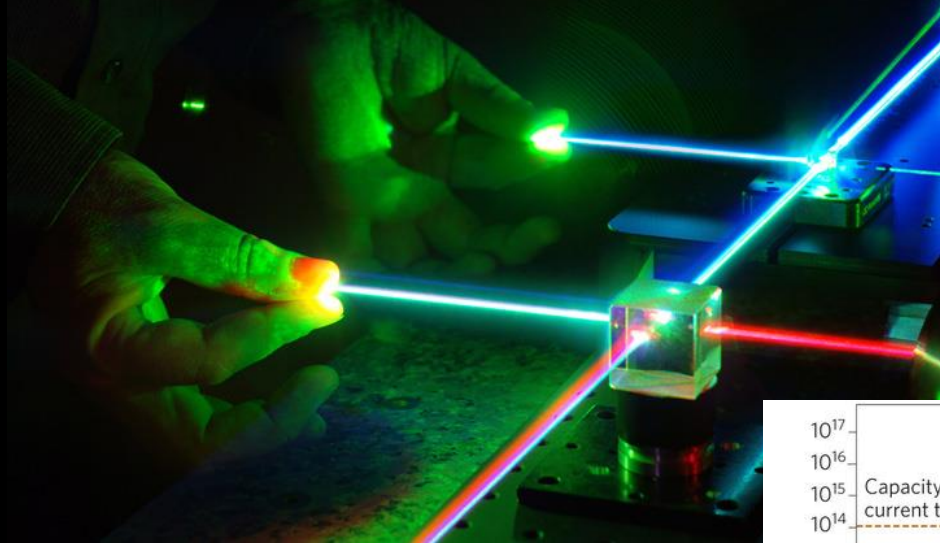


Wie China deutsche  
Technologie ausspäht

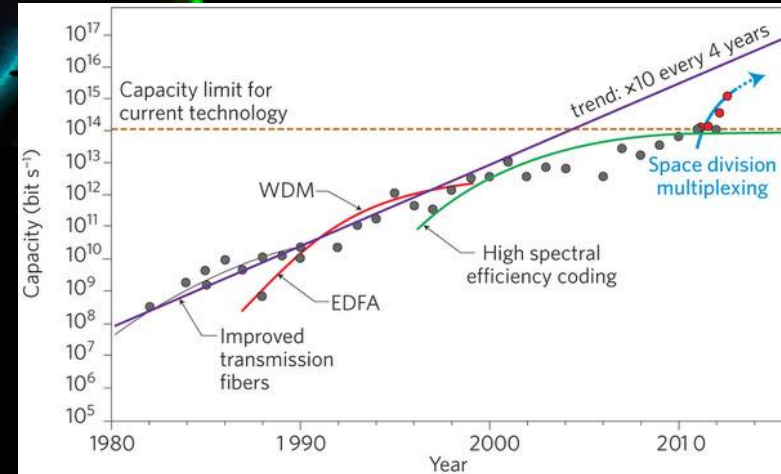
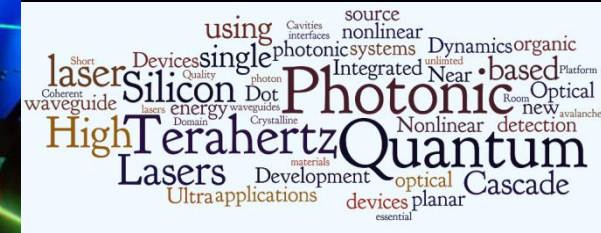
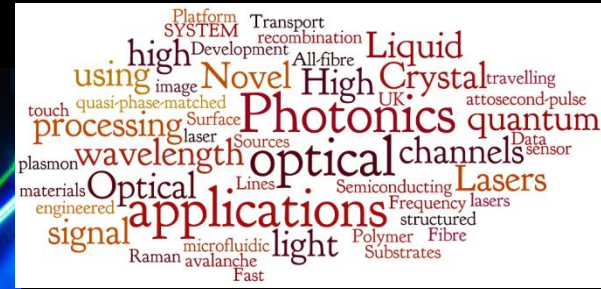


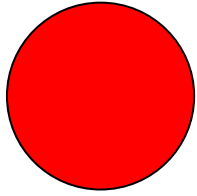


## Photonics revolution

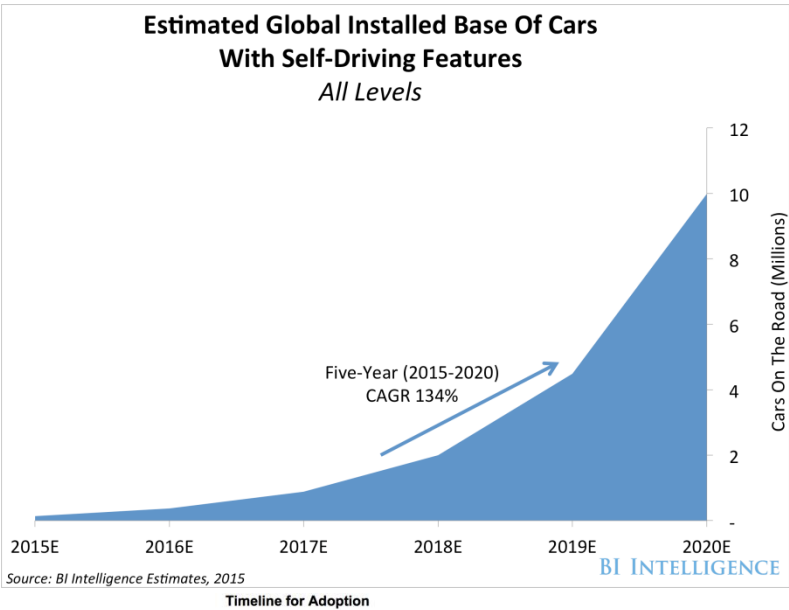


- Power potential of lasers has been doubling every 20 months, while costs have been decreasing by a factor of two every 18 months
- Optical communication technology, data-carrying capacity of a single optical fibre: 10 X every 4 years

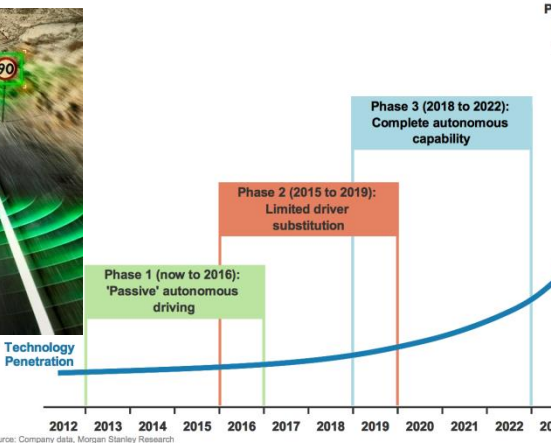




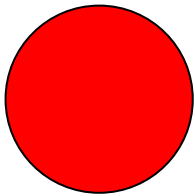
# Self-driving cars



- Volvo's UK test, called Drive Me London







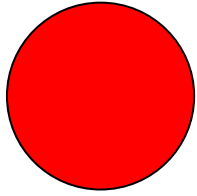
“SPUTNIK moment”



AlphaGo

- In March 2016, 9, 10, 12, 13, and 15 it beat Lee Sedol in a five-game match, the first time a computer Go program has beaten a 9-dan professional
- March 26, 2016. IBM Researchers Propose Device To Dramatically Speed Up Neural-Net Learning, speeding up neural network training by a factor of 30,000.





# Prva bitka ROBOTI – LJUDI



**Latakia, Siria, 24. prosinca 2015.**

“Russian specialists and Russian combat robots, took the strategic tower of "Syriatel", 754m in height”.  
Battle won in 20 minutes after the start of the combat robot's attack, **70 humans killed**



robotic groups independently conducting warfare:

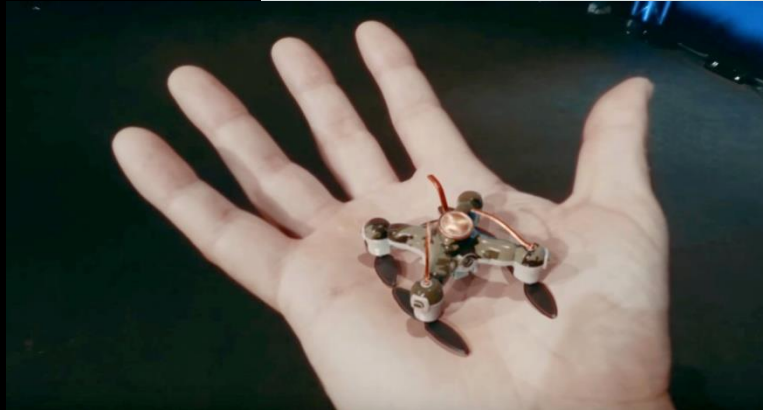
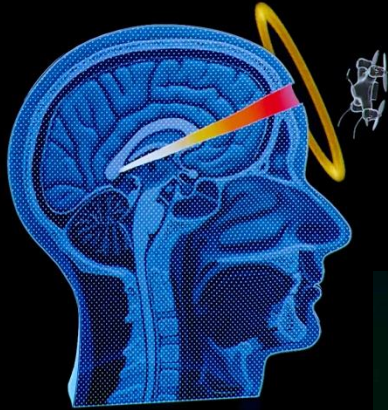
- "Platform-M" - 6
- "Argo" - 4
- “(SAU) "Acacia" - 1
- "drone" - 2
- automated control system "Andromeda-D"

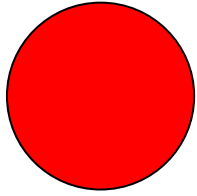


# MICRO DRONES KILLER ARMS ROBOTS

YouTube

<https://youtu.be/TIO2gcs1YvM>

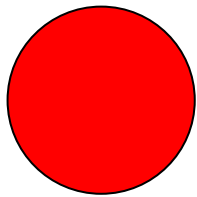




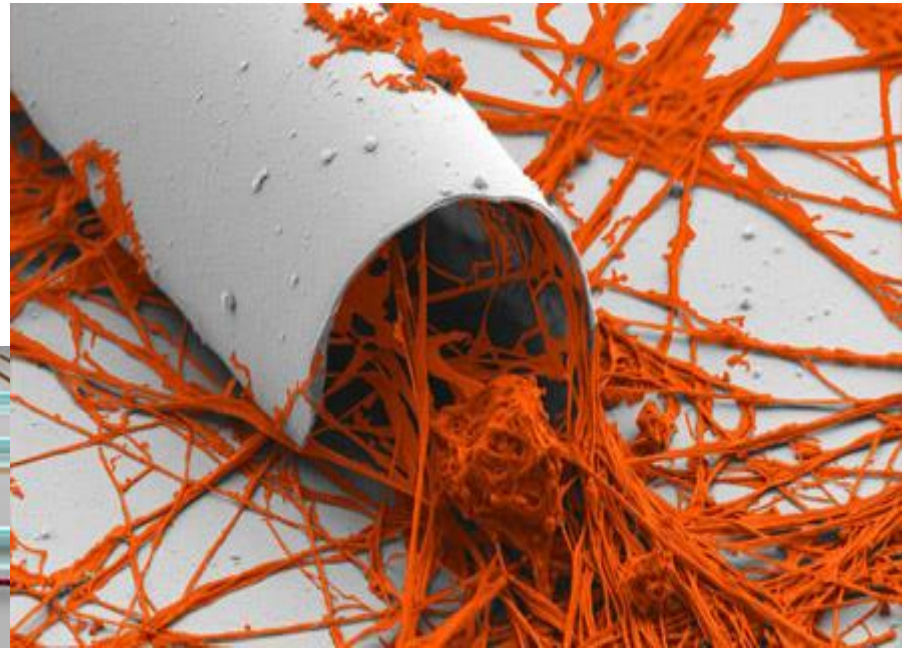
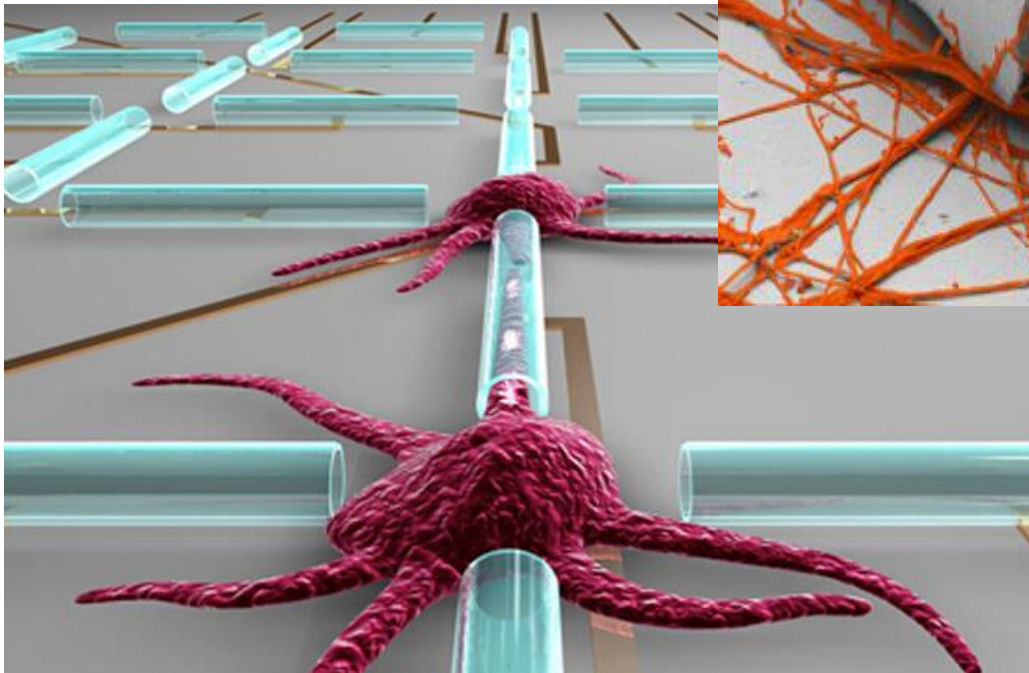
## 3-D Metal Printing

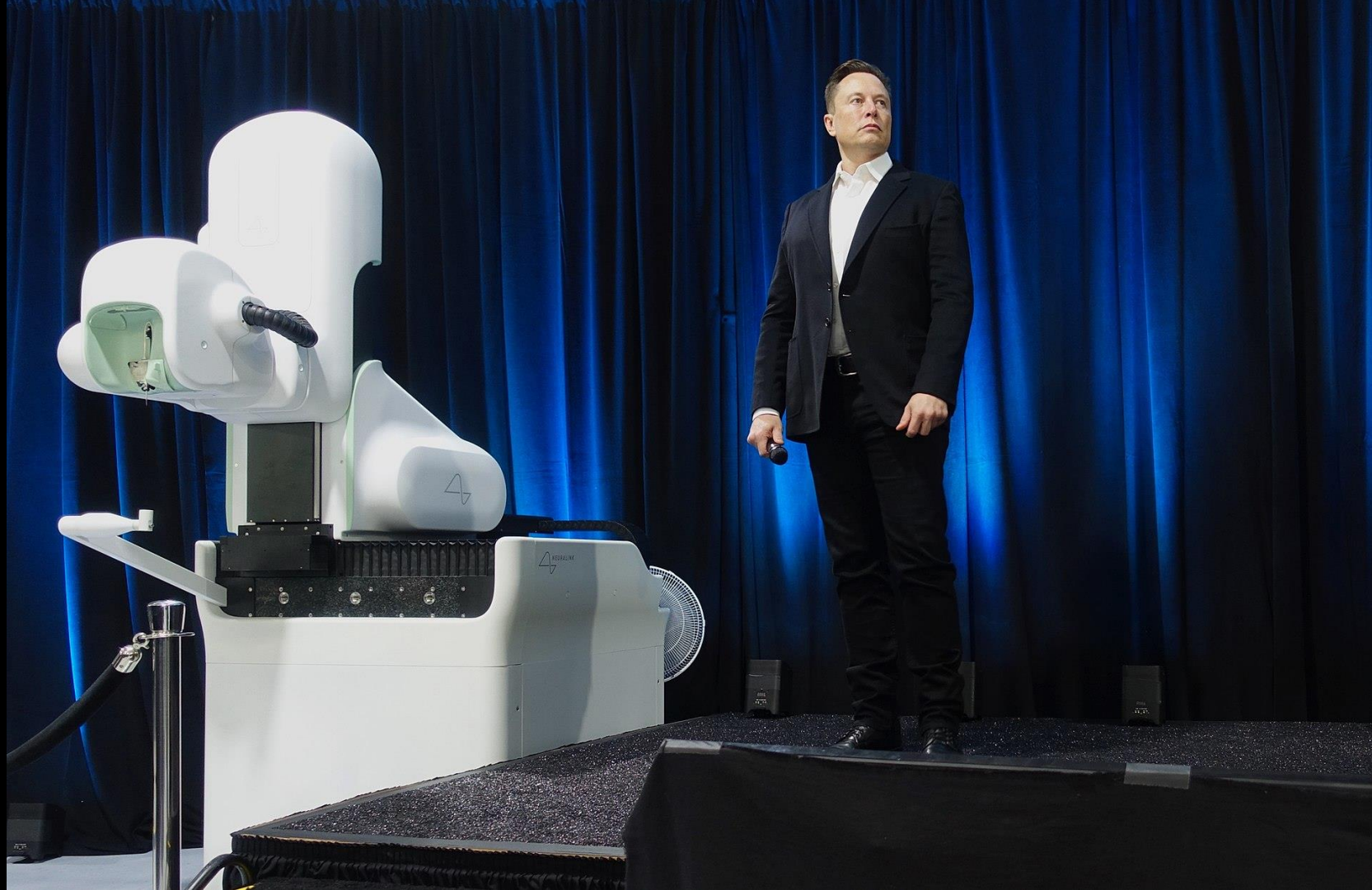




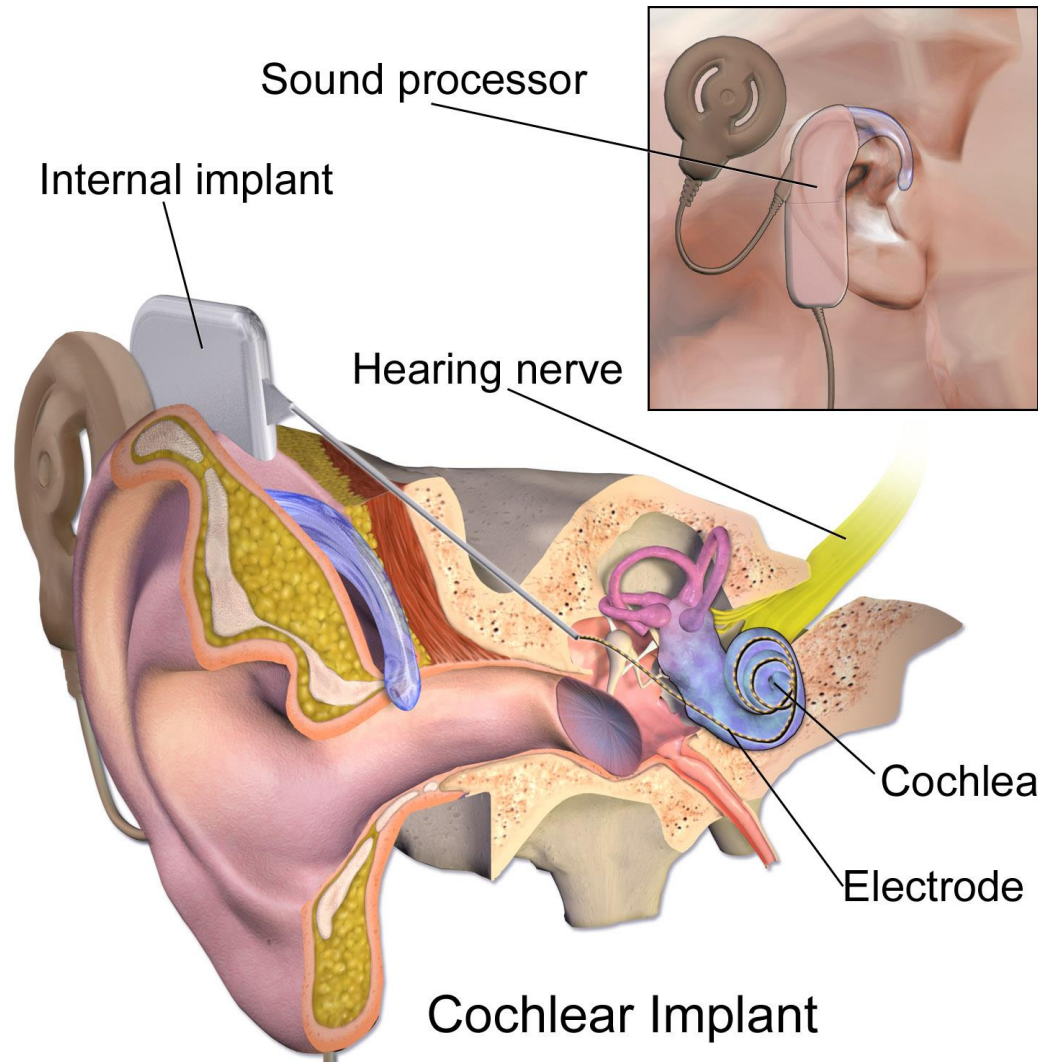


## Nerve-Electronic Hybrid









Mini Microphone 2 / 2+



TV Streamer



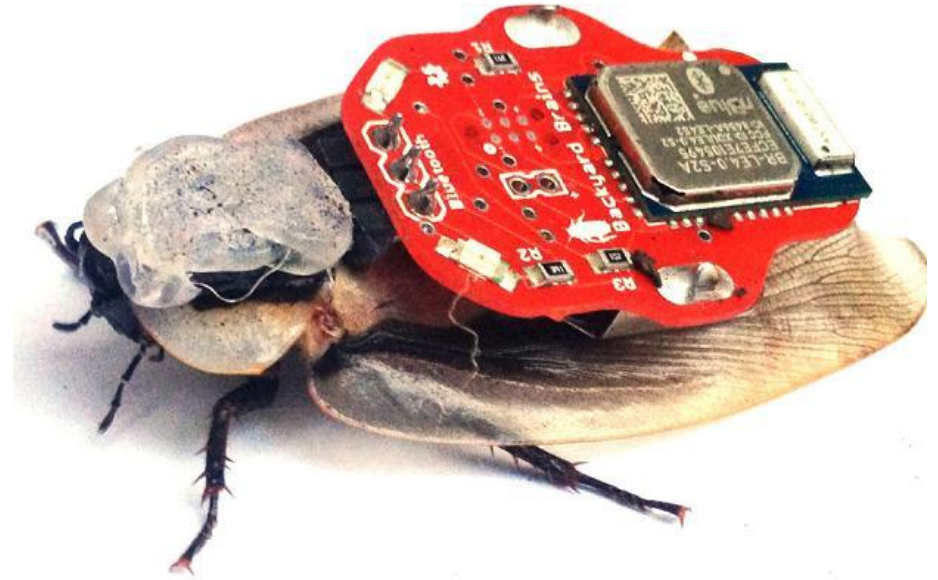
Phone Clip

# The RoboRoach \$ 99.99

<https://www.backyardbrains.com/>

## Cockroach Control System

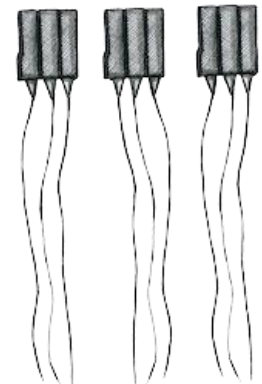
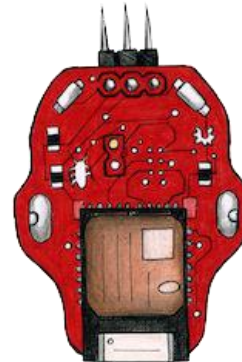
.....turning abruptly right or left in response to commands sent from an iPhone



### Technical Specs:

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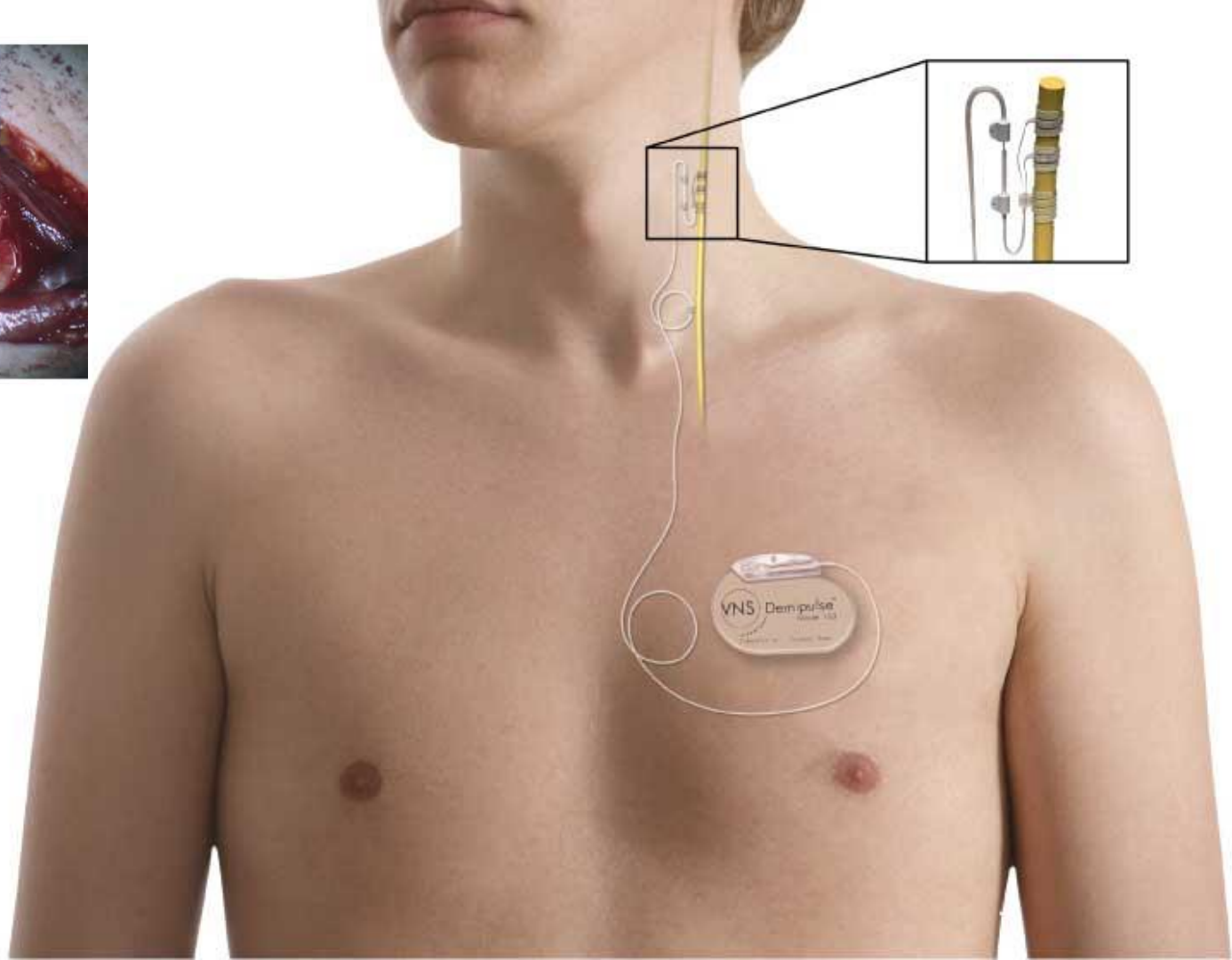
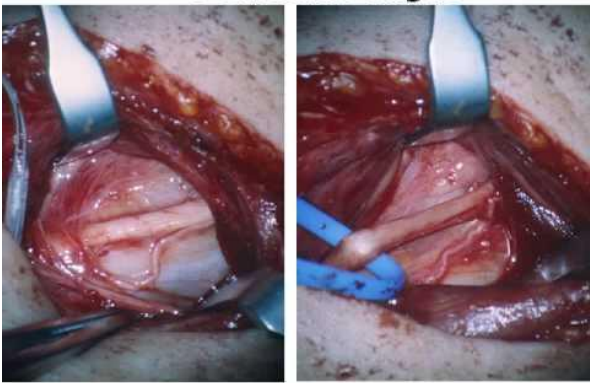
- 1x Free iOS or Android 4.3+ application for remote control
- 1x Bluetooth Roboroach backpack control unit
- 1x 1632 RoboRoach Battery
- 3x Electrode Sets (to implant 3 Roaches)







## De nervus vagus







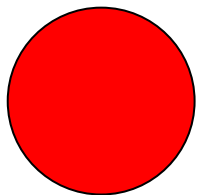
# NeuroSky MindWave - EEG Brain Activities

Item Number: 3152736

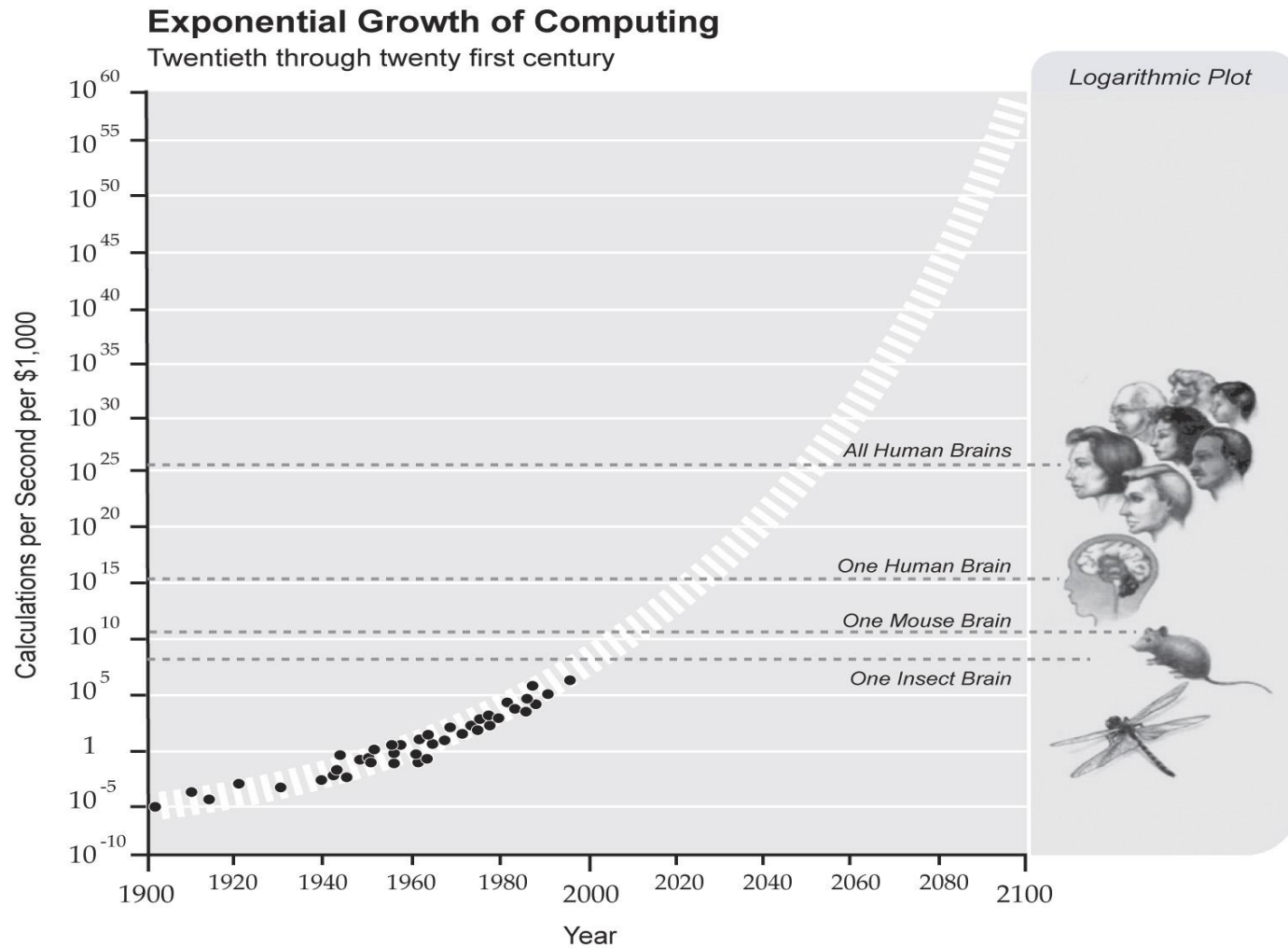
Price: \$79.95

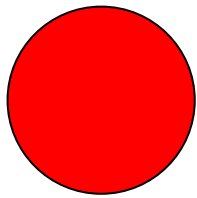




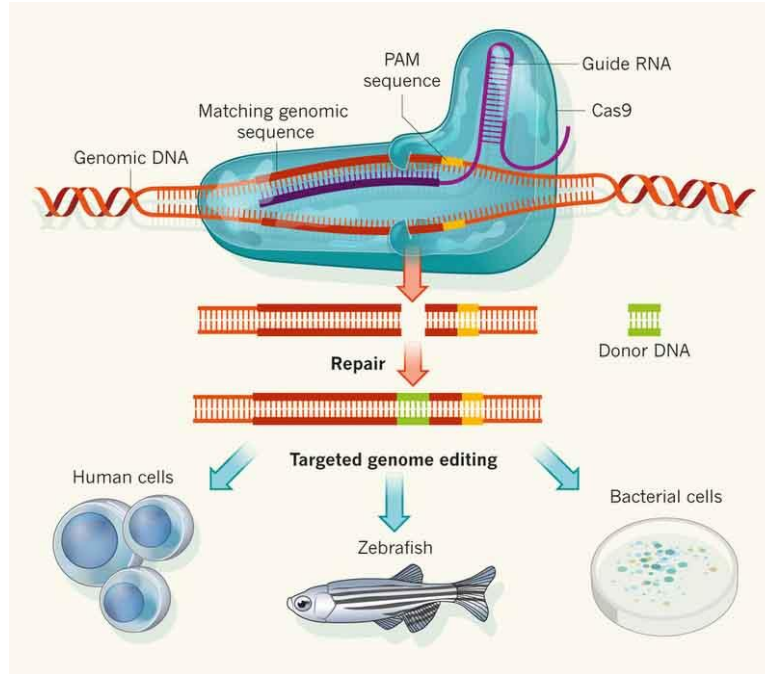


**SINGULARITY**





# CRISPR Cas9 Genome Editing



## Science Matters Hope from pig organs

Researchers have taken a major step toward cloning pigs whose organs could be safely transplanted into humans, giving new hope to the thousands of ill people waiting for organs.

**Xenotransplantation**  
Process of replacing human organs with those from other mammals

### The problem

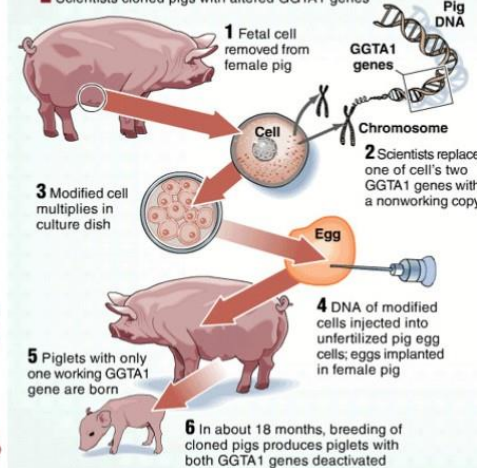
■ Pigs have two copies of the GGTA1 gene, which makes pig cells trigger the human immune system, which then rejects a transplanted pig organ

### New solution

■ Scientists cloned pigs with altered GGTA1 genes

### A good match

Pigs are promising sources for transplants because their organs closely match the size and shape of humans'



### What's next

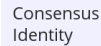
■ Researchers will work to breed pigs that can't transfer a harmful pig virus to humans

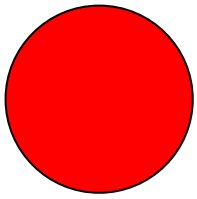
■ If the pigs' organs can be transplanted successfully into chimpanzees or other primates, human testing may start by 2006

Source: Science Express, PPL Therapeutics, United Network for Organ Sharing (U.S.)  
Graphic: Chicago Tribune

Graphic Selected by SIRS Staff



[illegible]

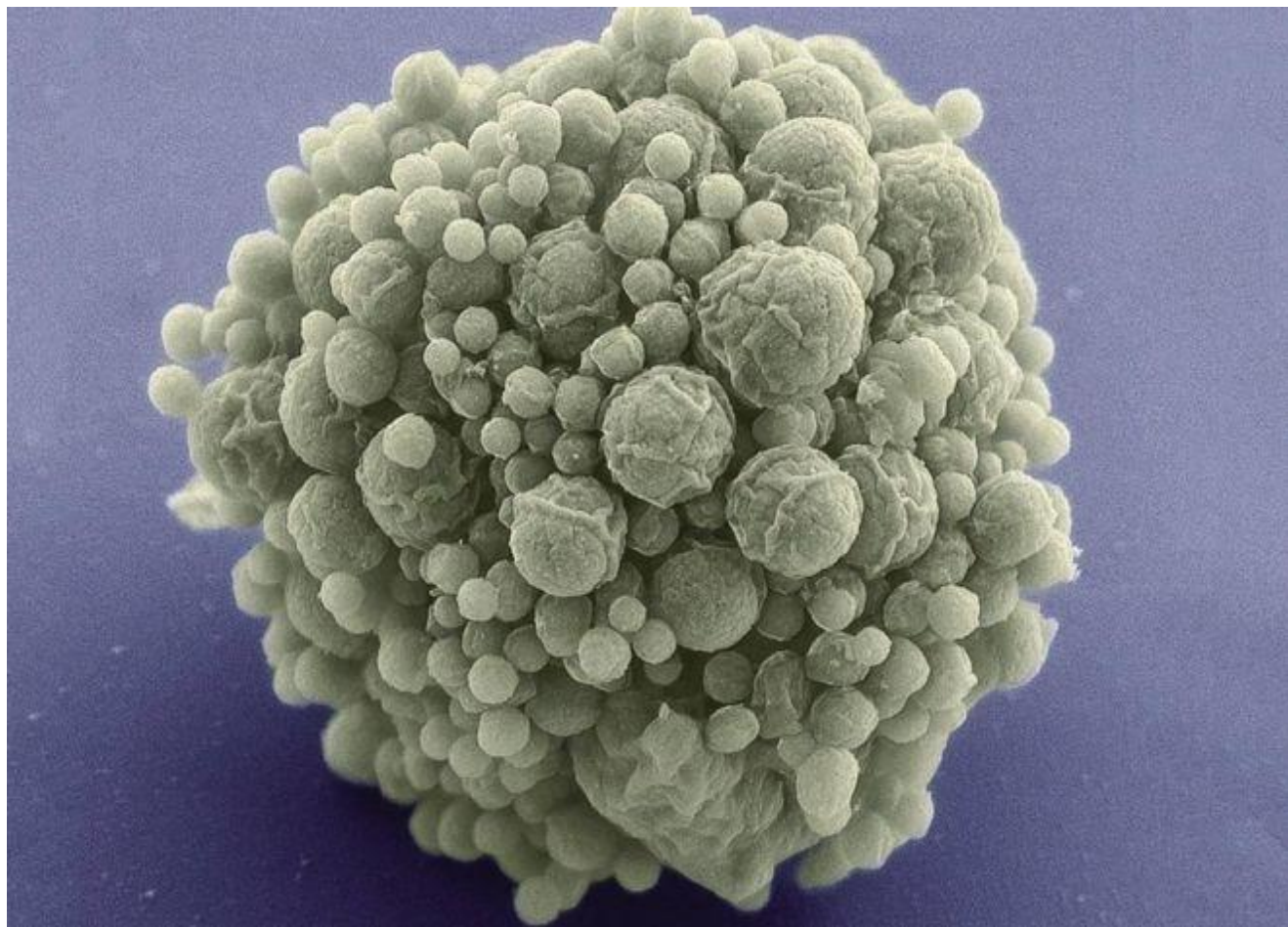


# Syn 3.0

**25 March 2016**

A team led by US research entrepreneur Craig Venter has created a semi-synthetic, functioning bacterium in the lab that has fewer than 500 genes.

This minimal number is lower than in any known free-living bug in nature.



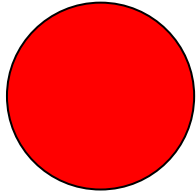
The team reported its first semi-synthetic organism in 2010.



**World's first living organism with fully redesigned  
DNA created**  
17 May 2019.



*Escherichia coli* Syn61

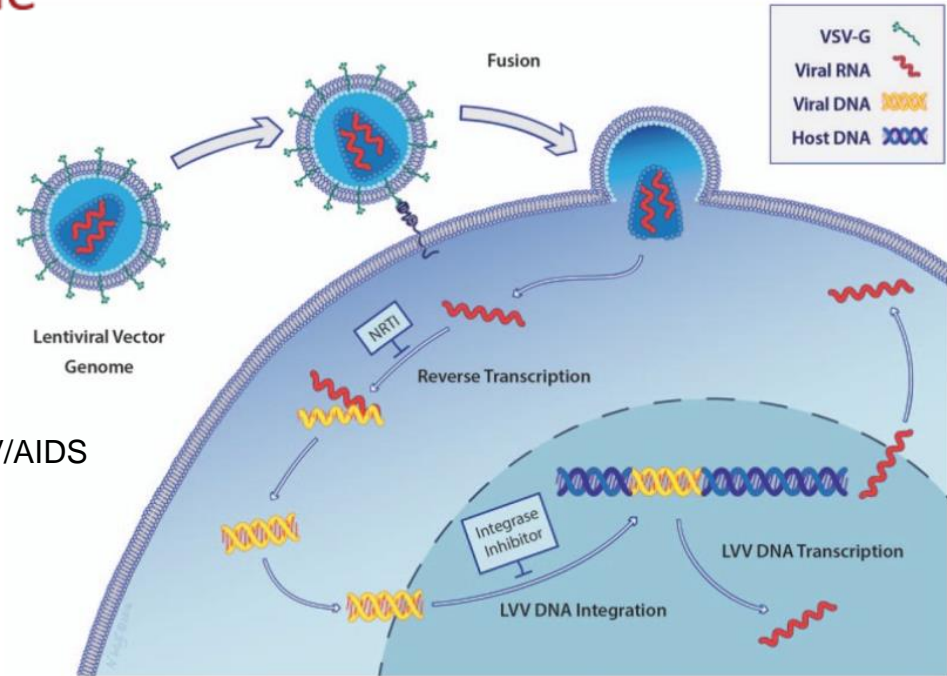


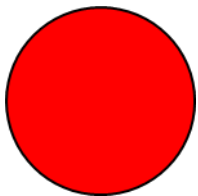
American Gene  
Technologies™  
*Where Creativity Cures™*

**2019.11.09.**

Seeks FDA Approval For Single-Dose Drug To Cure HIV/AIDS  
(nbc4i.com)

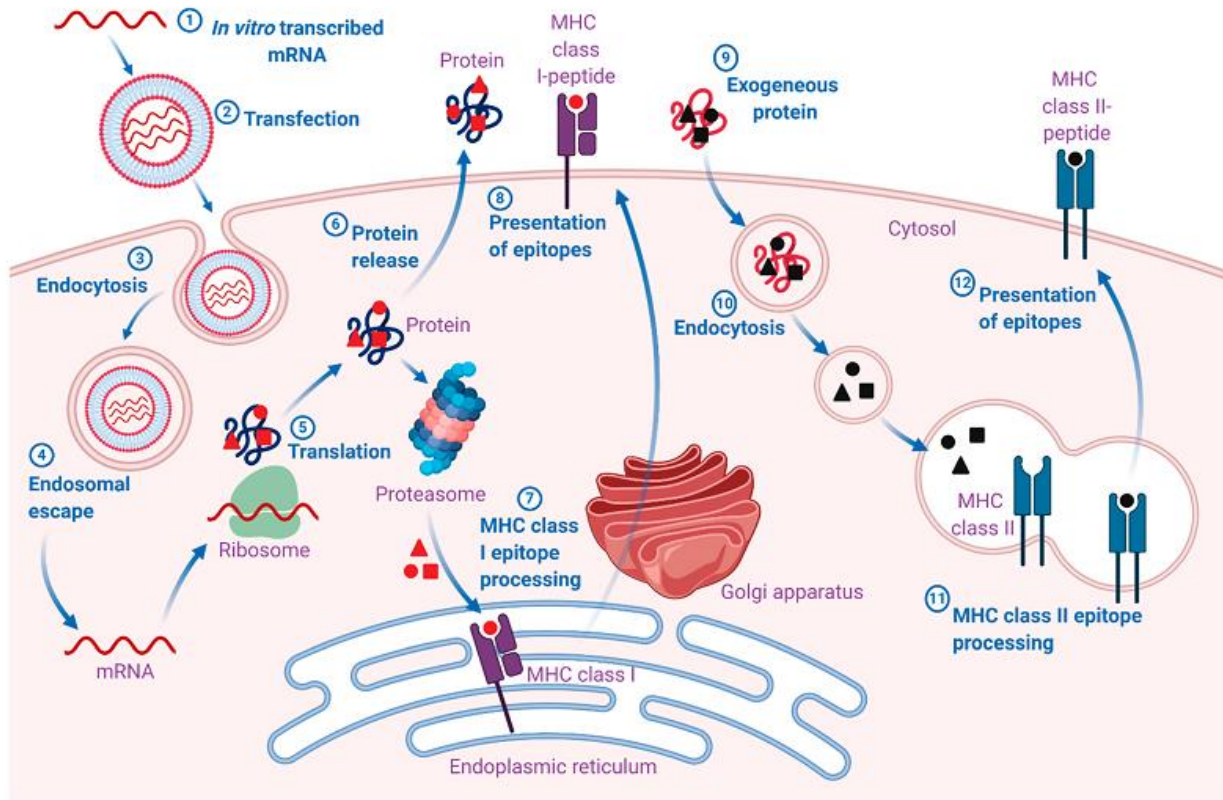
"Wednesday night was an exciting one for investors and employees at American Gene Technologies," reports a local Maryland news station. "After years in the making, they submitted a nearly 1,000-page document to FDA. And within its pages just may lie the cure for HIV/AIDS."



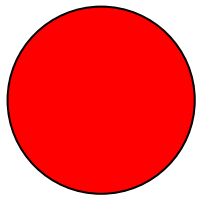


# mRNA vaccines — a new era in vaccinology (messenger RNA) vaccine

2020.12.02

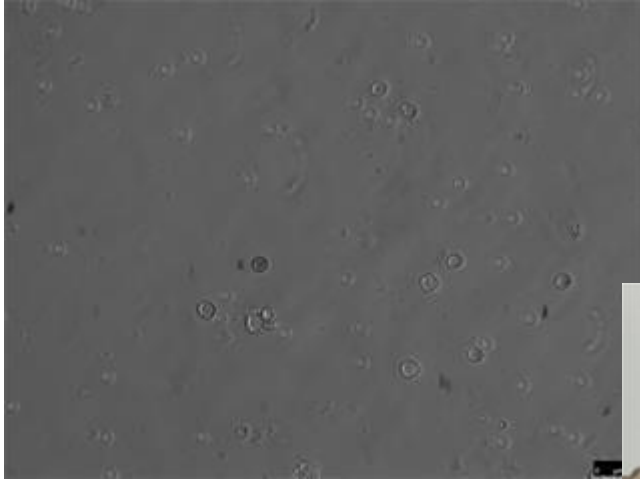




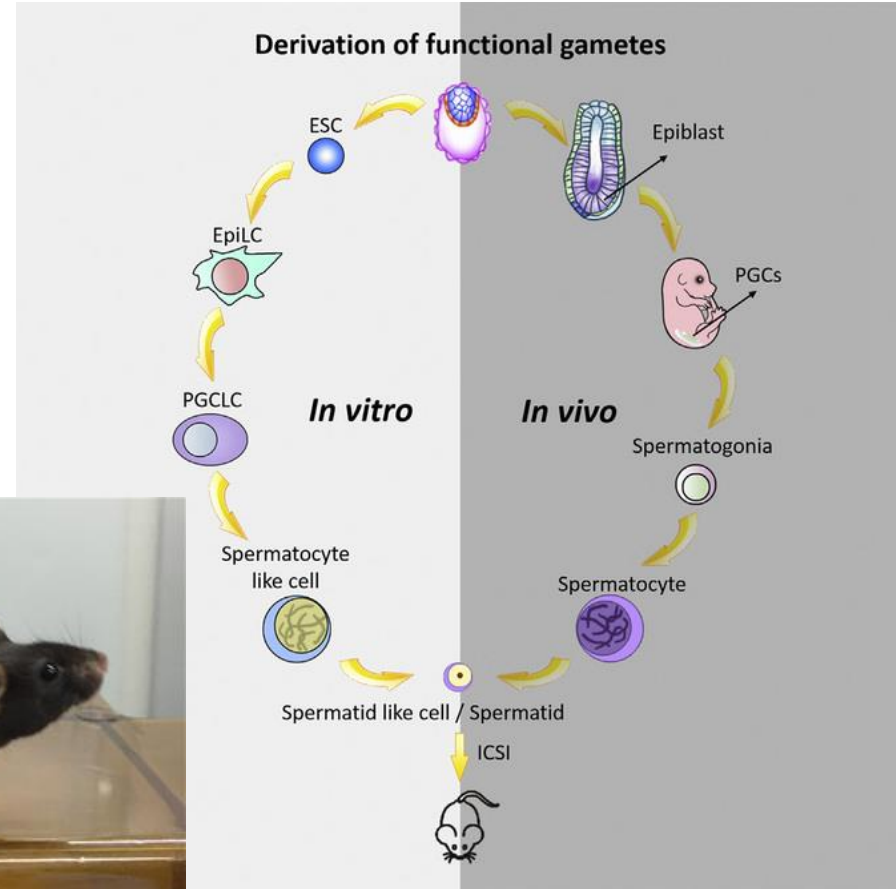
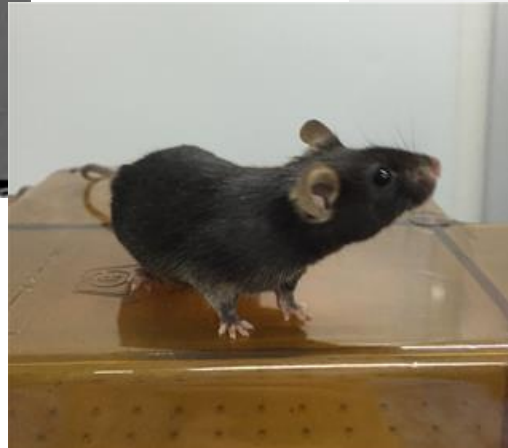


# Turning Stem Cells Into Working Sperm Cells

February 26, 2016



This microscope image provided by Xiao-Yang Zhao of the Southern Medical University in Guangzhou, China on Thursday, Feb. 25, 2016, shows rudimentary mouse sperm derived from stem cells.



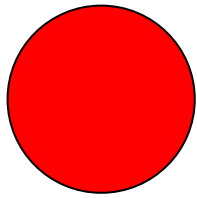
## Generation of Bimaternal and Bipaternal Mice from Hypomethylated Haploid ESCs with Imprinting Region Deletions

Zhi-Kun Li, Le-Yun Wang, Li-Bin Wang, Wei Li, Qi Zhou, Bao-Yang Hu

Published: **October 11, 2018**

DOI:<https://doi.org/10.1016/j.stem.2018.09.004>



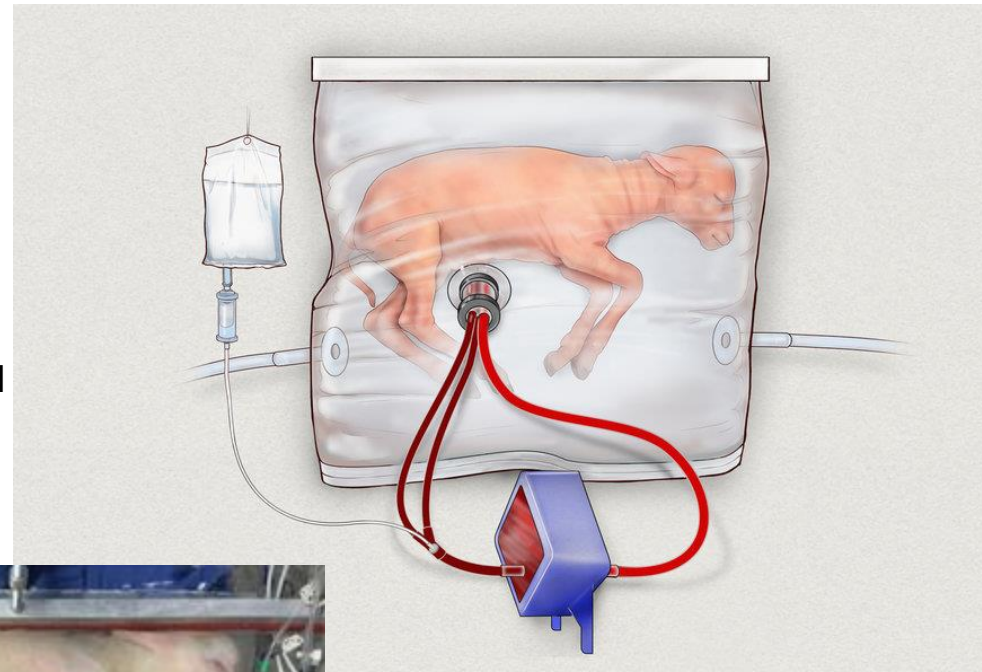


## Scientists successfully grow Lambs in artificial womb

The Associated Press:  
Apr 25, 2017 7:08 PM ET

offering hope for preemies

The idea of treating preemies in fluid-filled incubators may sound strange, but physiologically it makes sense





From dead to alive -> playing God

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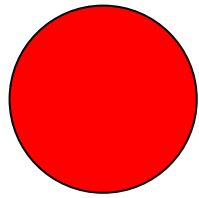


Frankie

From dead to alive ->  
playing the future enngenering...  
And God

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# Stop off Aging

**Peptide targeting senescent cells  
restores stamina, fur, and kidney  
function in old mice**

Date: March 23, 2017

Source: Cell Press

.....by blocking the ability of a protein implicated in senescence, FOXO4, to tell another protein, p53, not to cause the cell to self-destruct. By interfering with the FOXO4-p53 crosstalk, the peptide causes senescent cells to go through apoptosis, or cell suicide.



This photograph shows two fast-aging mice. The mouse on the left was treated with a FOXO4 peptide, which targets senescent cells and leads to hair regrowth in ten days. The mouse on the right was not treated with the peptide.

*Credit: Peter L.J. de Keizer*





# Immortality



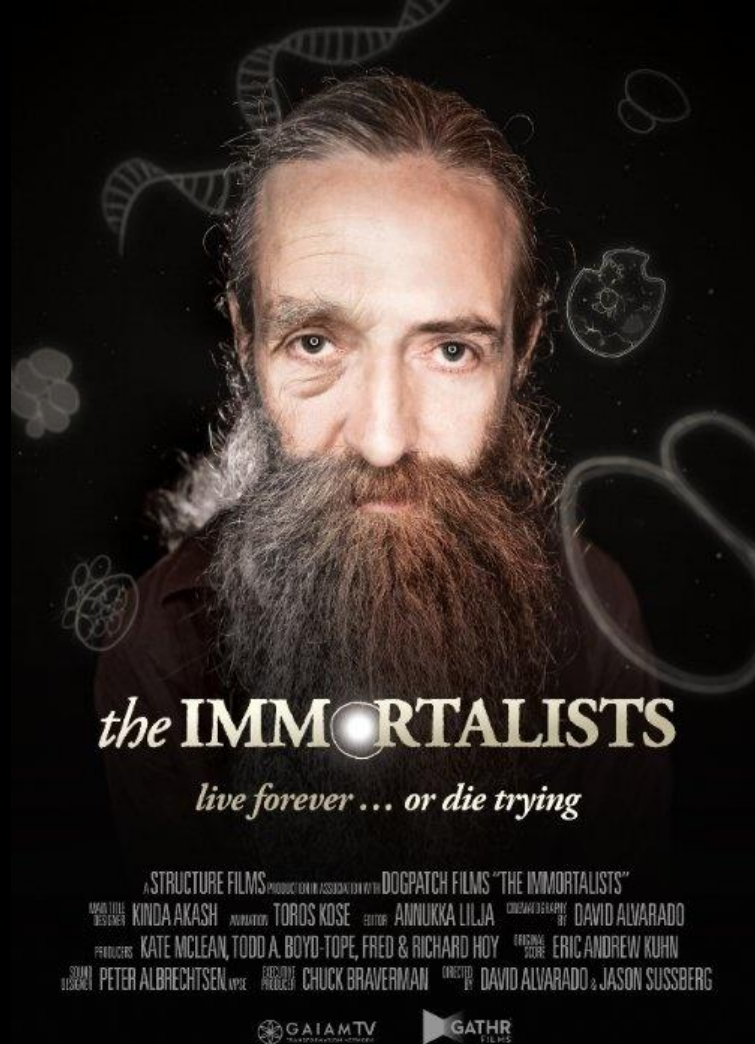
*Turritopsis nutricula* – immortality example



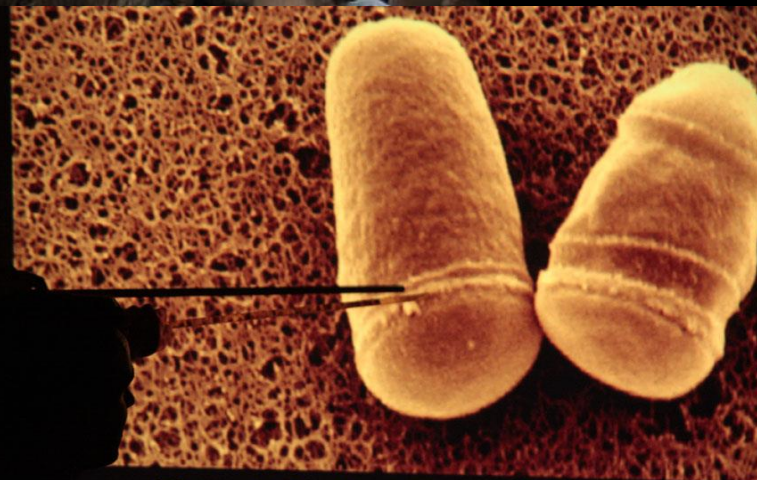
"U potrazi za besmrtnošću"



Aubrey de Grey







- Miguel Coelho, S3++ S.School, Visnjan, H





## Limone Sul Garda

**1979** researchers discovered that people in Limone possess a mutant form of apolipoprotein (called **ApoA-1 Milano**, also ETC-216, now MDCO-216) in their blood, that induced a healthy form of high-density cholesterol, which resulted in a lowered risk of atherosclerosis and other cardiovascular diseases. Sirtori, C. R.; Calabresi, L.; Franceschini, G.; Baldassarre, D.; Amato, M.; Johansson, J.; Salvetti, M.; Monteduro, C.; Zulli, R.; Muesan, M. L.; Agabiti-Rosei, E. (17 April 2001). "Cardiovascular status of carriers of the apolipoprotein A-I(Milano) mutant: the Limone sul Garda study", *Circulation*. 103 (15): 1949–1954. doi:10.1161/01.cir.103.15.1949. PMID 11306522





*Limone Panoramia*

By genetic and church record family tree detective work, traced to a single individual, Giovanni Pomarelli, in the 18th century.



- recombinant protein, and in 2003, a study funded by Esperion Therapeutics
  - Pfizer (for an impressive \$1.25 billion dollars)
  - Pfizer spun out what was left of Esperion and sold Apo-A1 Milano to The Medicines Company for \$10 million, a whacking loss of greater than 99% on that deal.
- Cerenis Therapeutics also took up the challenge. They're a French company founded by a former research head at Esperion, and they went into the clinic with their own variation on Apo-A1 Milano HDL

#### Structure

The APOA1 gene is located on the 11th chromosome, with its specific location being 11q23-q24. The gene contains 4 exons.[8] APOA1 encodes a 45.4 kDa protein that is composed of 396 amino acids; 21 peptides have been observed through mass spectrometry data

#### HDL:

High-density lipoproteins (HDL) are one of the five major groups of lipoproteins.[1] Lipoproteins are complex particles composed of multiple proteins which transport all fat molecules (lipids) around the body within the water outside cells. They are typically composed of 80-100 proteins per particle (organized by one, two or three ApoA; more as the particles enlarge picking up and carrying more fat molecules) and transporting up to hundreds of fat molecules per particle.

<https://en.wikipedia.org/wiki/Lipoprotein>

<http://blogs.sciencemag.org/pipeline/archives/2016/11/16/the-long-saga-of-apo-a1-milano>

[https://en.wikipedia.org/wiki/High-density\\_lipoprotein](https://en.wikipedia.org/wiki/High-density_lipoprotein)

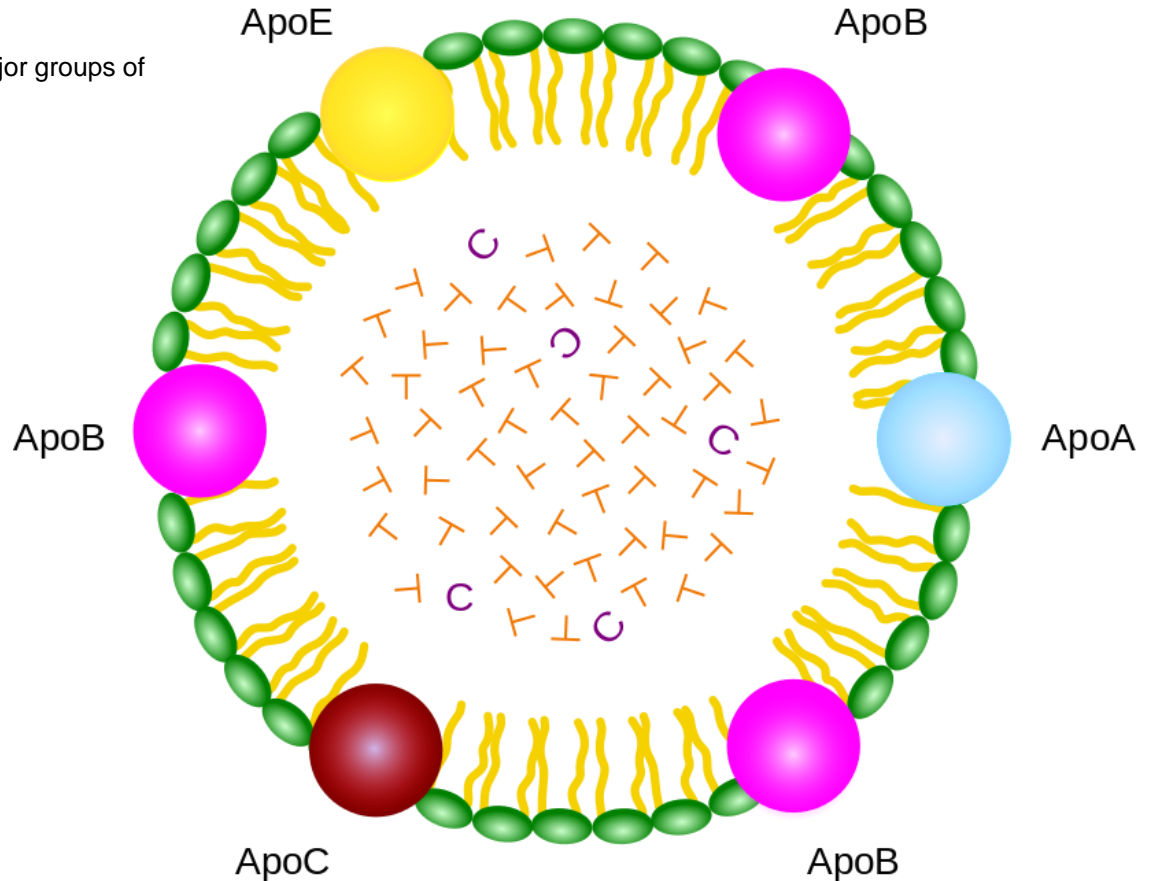
## HDL:

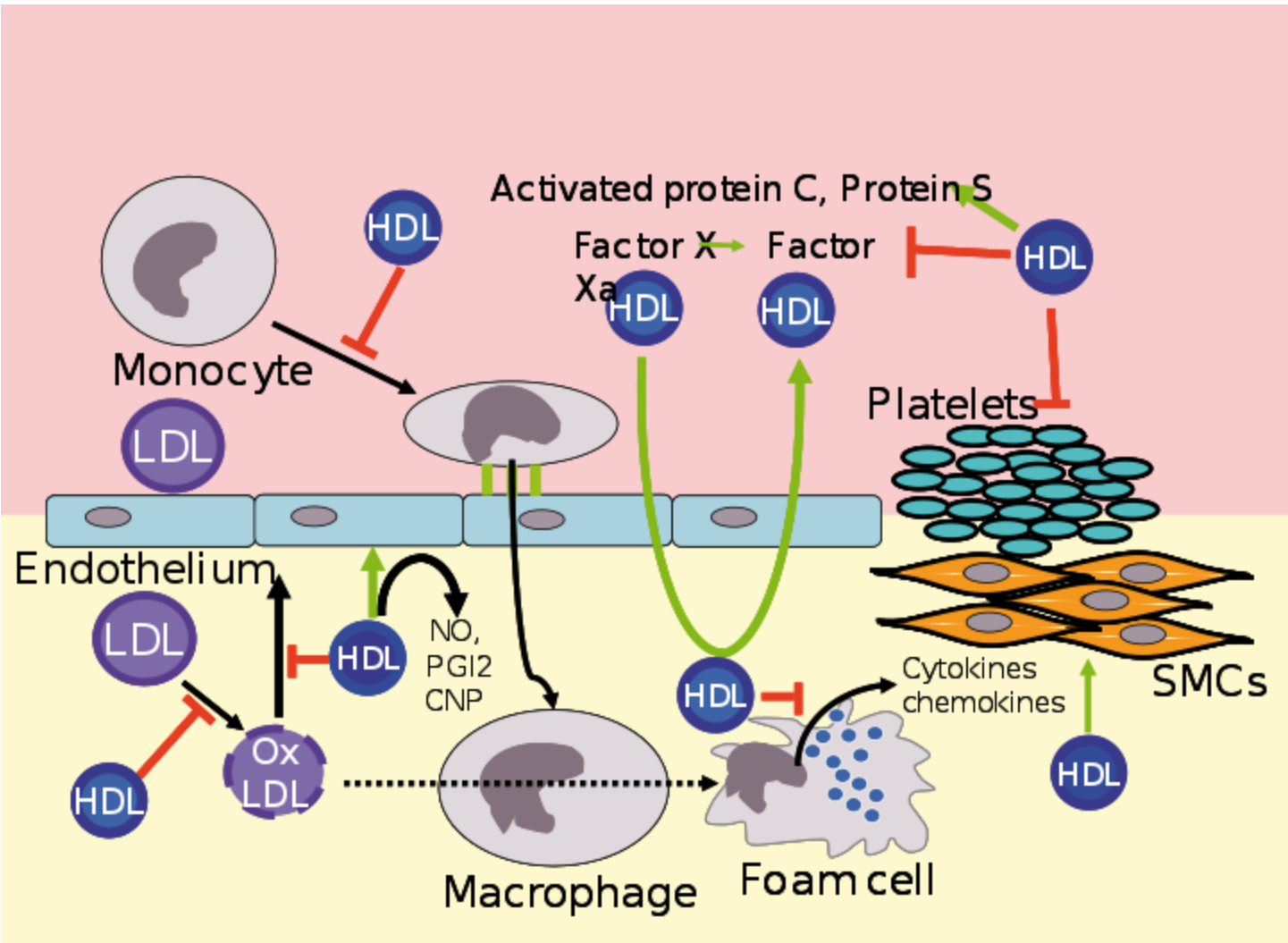
High-density lipoproteins (HDL) are one of the five major groups of lipoproteins.

[1] Lipoproteins are complex particles composed of multiple proteins which transport all fat molecules (lipids) around the body within the water outside cells. They are typically composed of 80-100 proteins per particle (organized by one, two or three ApoA; more as the particles enlarge picking up and carrying more fat molecules) and transporting up to hundreds of fat molecules per particle.

<https://en.wikipedia.org/wiki/Lipoprotein>

[https://en.wikipedia.org/wiki/High-density\\_lipoprotein](https://en.wikipedia.org/wiki/High-density_lipoprotein)







## Structural and functional consequences of the Milano mutation (R173C) in human apolipoprotein A-I

Eric T. Alexander,\* Masafumi Tanaka,† Momoe Kono,† Hiroyuki Saito,† Daniel J. Rader,§ and Michael C. Phillips<sup>1,\*</sup>



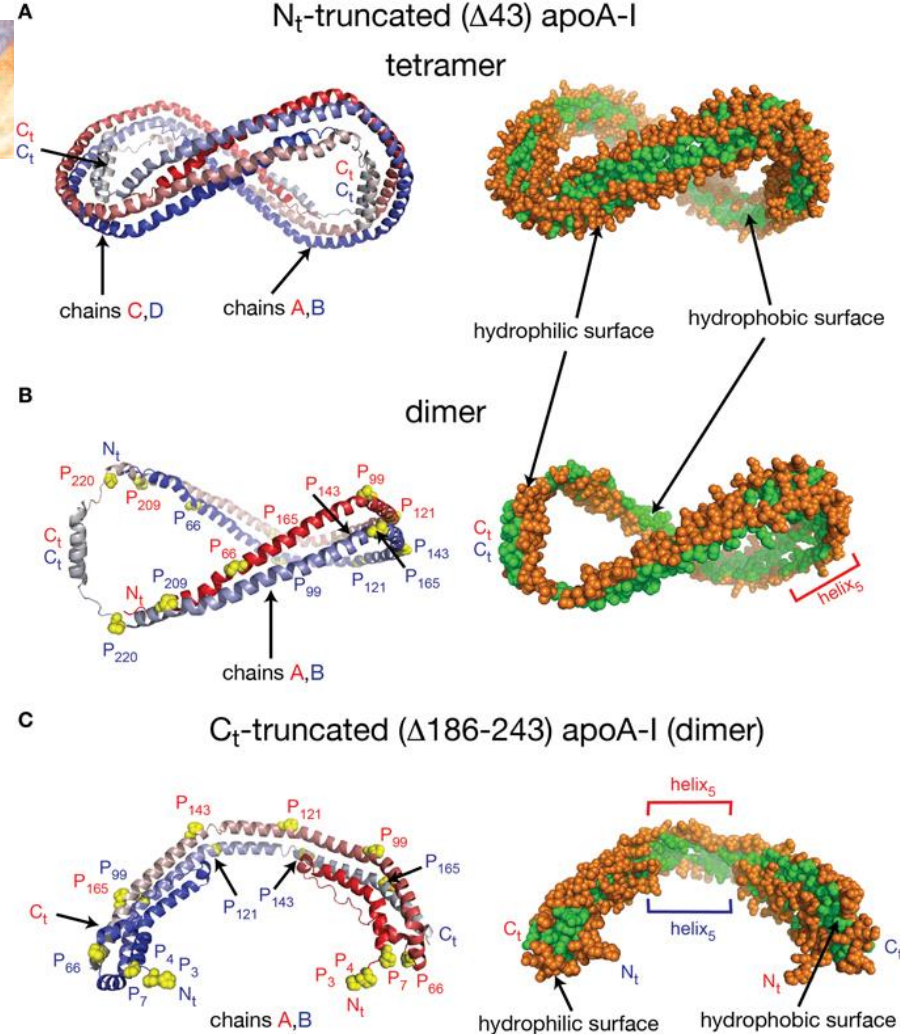
Front. Pharmacol., 12 January 2016 | <https://doi.org/10.3389/fphar.2015.00318>

## Structural Insights into High Density Lipoprotein: Old Models and New Facts

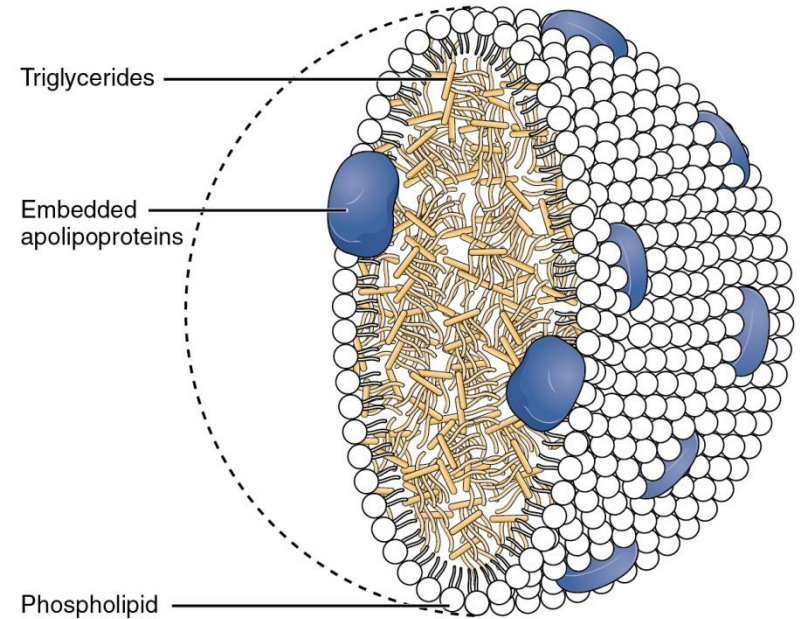
Valentin Gogonea<sup>1,2\*</sup>

<sup>1</sup>Department of Chemistry, Cleveland State University, Cleveland, OH, USA

<sup>2</sup>Departments of Cellular and Molecular Medicine and the Center for Cardiovascular Diagnostics and Prevention, Cleveland Clinic, Cleveland, OH, USA



- recombinant protein, and in 2003, a study funded by Esperion Therapeutics
- Pfizer (for an impressive \$1.25 billion dollars)
- Pfizer spun out what was left of Esperion and sold Apo-A1 Milano to The Medicines Company for \$10 million, a whacking loss of greater than 99% on that deal.
- Cerenis Therapeutics also took up the challenge.
- They're a French company founded by a former research head at Esperion, and they went into the clinic with their own variation
- on Apo-A1 Milano HDL

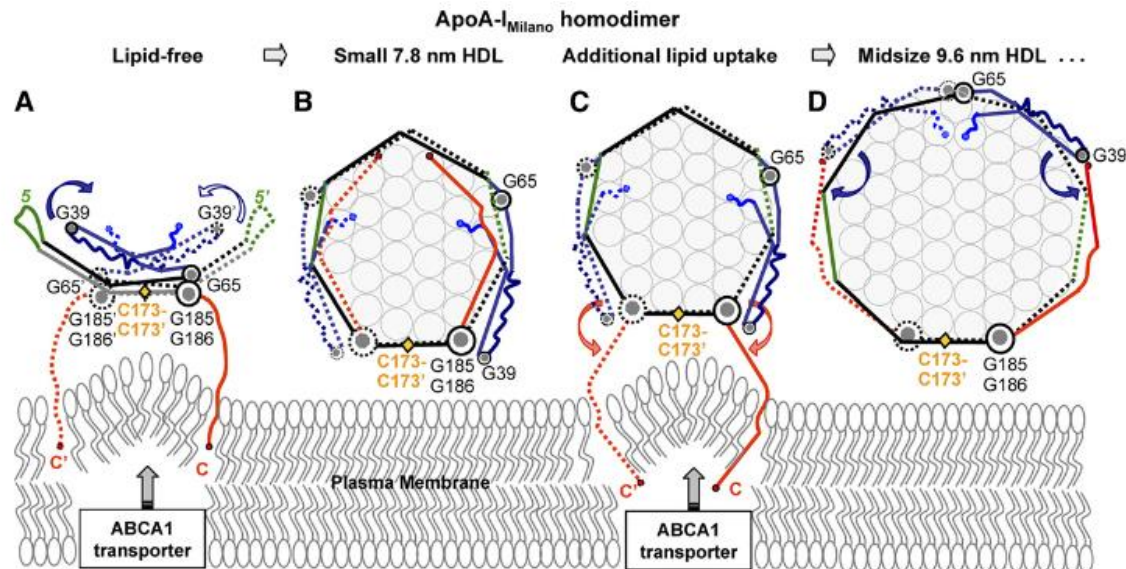


# Structural basis for distinct functions of the naturally occurring Cys mutants of human apolipoprotein A-I

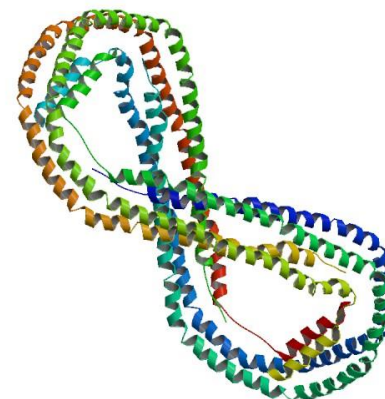
Olga Gursky, 1, \* Martin K. Jones, † Xiaohu Mei, \* Jere P. Segrest, † and David Atkinson \*  
 Department of Physiology and Biophysics, \* Boston University School of Medicine, Boston, MA 02118;  
 and Department of Medicine, † University of Alabama at Birmingham, Birmingham, AL 35294



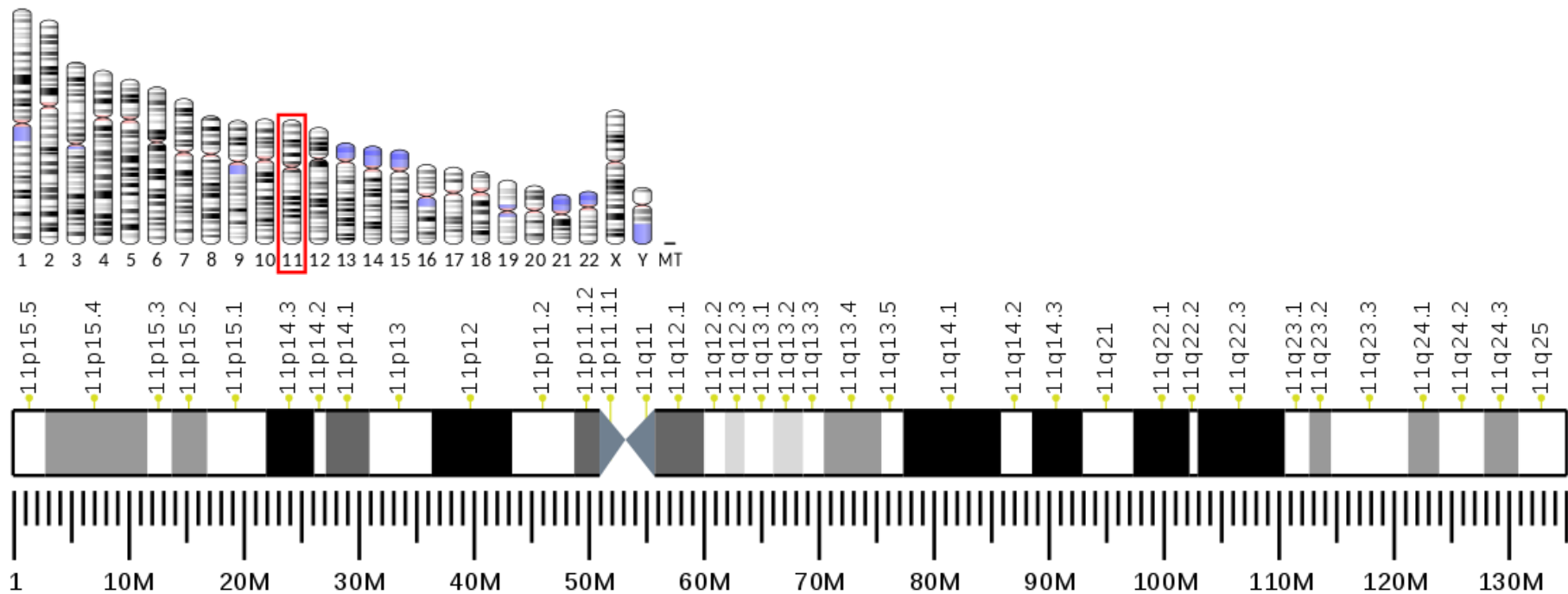
Journal of  
LIPID RESEARCH



**Fig. 9.** Proposed structural changes in apoA-I<sub>M</sub> homodimer and in lipid during the initial step of reverse cholesterol transport. (A) Solution structure of apoA-I<sub>M</sub> homodimer is similar to that of apoA-I<sub>WT</sub> monomer (Fig. 8A) but has a slightly destabilized four-segment bundle in which the N-terminal segment 1–65 can rotate around G65–P66 hinges (blue arrows). C-terminal segment 185–243 (repeats 8–10, in red) sequesters lipid to form unusually small ~7.8 nm HDL that are a hallmark of the Milano mutation (39, 40, 47) (B). Transient dissociation of the C-terminal segment from these small HDL enables it to recruit additional lipid (C) and form larger particles (D). Nascent discoidal HDL (A-I<sub>M</sub>/A-I<sub>M</sub>) are shown face-up, and phospholipid head groups are shown in circles.







### Structure:

The APOA1 gene is located on the 11th chromosome, with its specific location being 11q23-q24. The gene contains 4 exons. APOA1 encodes a 45.4 kDa protein that is composed of 396 amino acids; 21 peptides have been observed through mass spectrometry data.

”Software”:

Primer sequences for real-time PCR

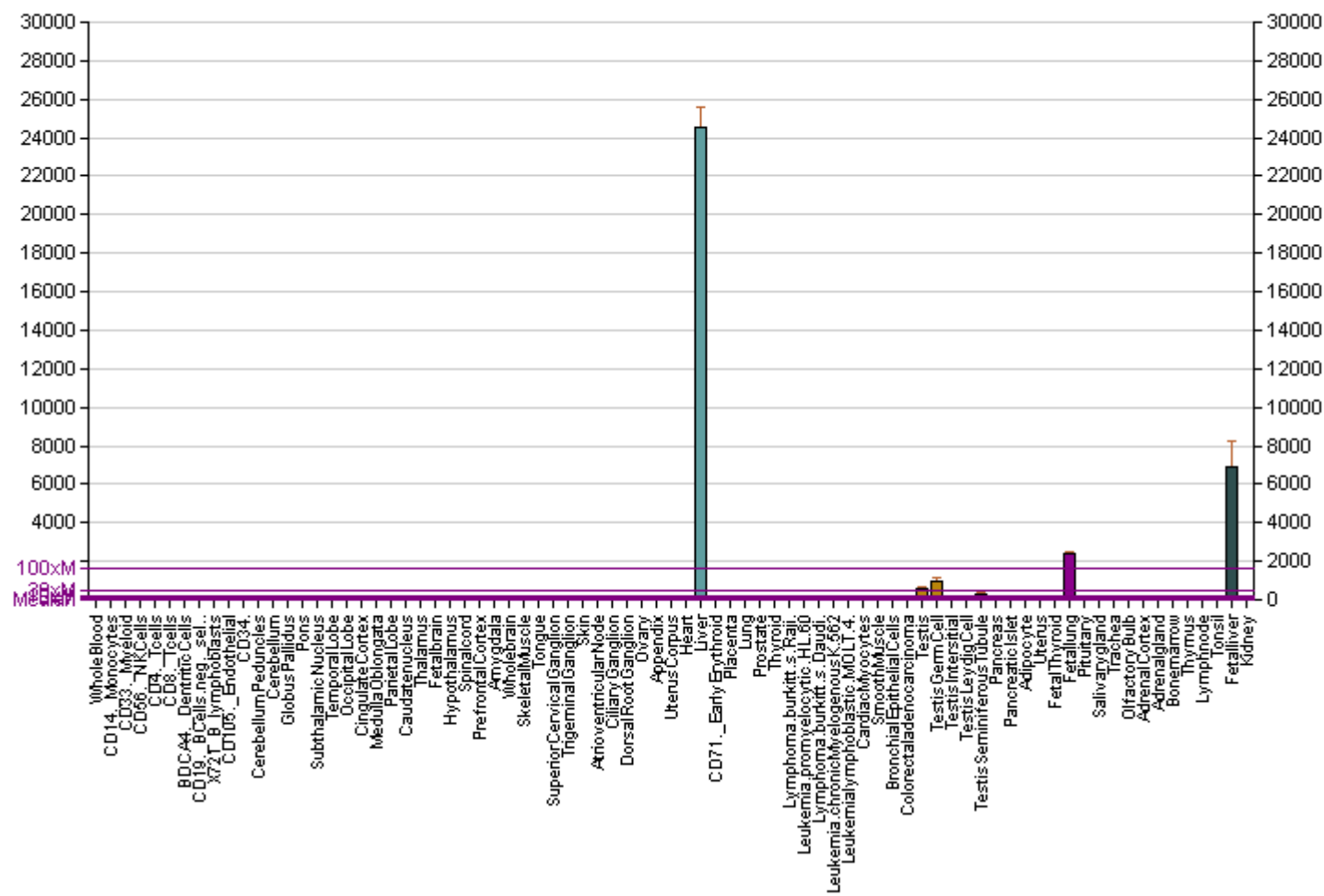
Gene name	Forward primer	Reverse primer
APOA1	CCT TGG GAA AAC AGC TAA ACC	CCA GAA CTC CTG GGT CAC A



Figure 3:

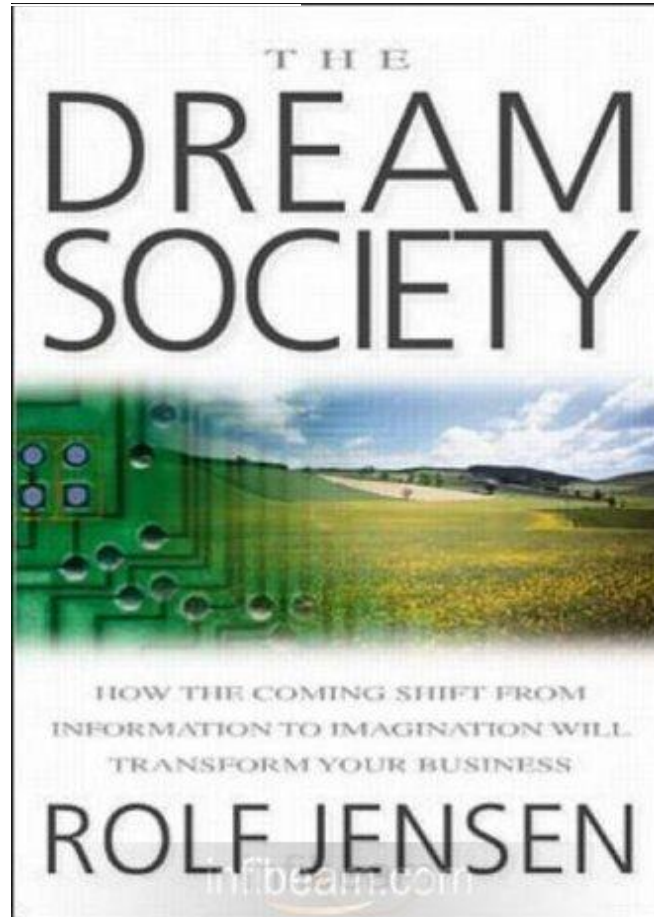
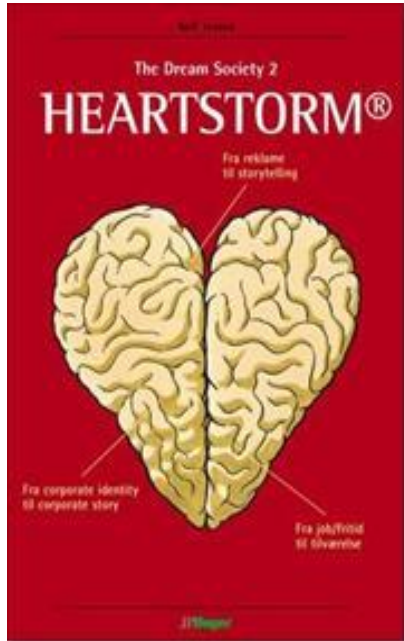
The terminated PCR fragments are separated using automated sequencers. Each different base is recognized by its unique fluorescent color label and recorded by a computer.

204450\_x\_at

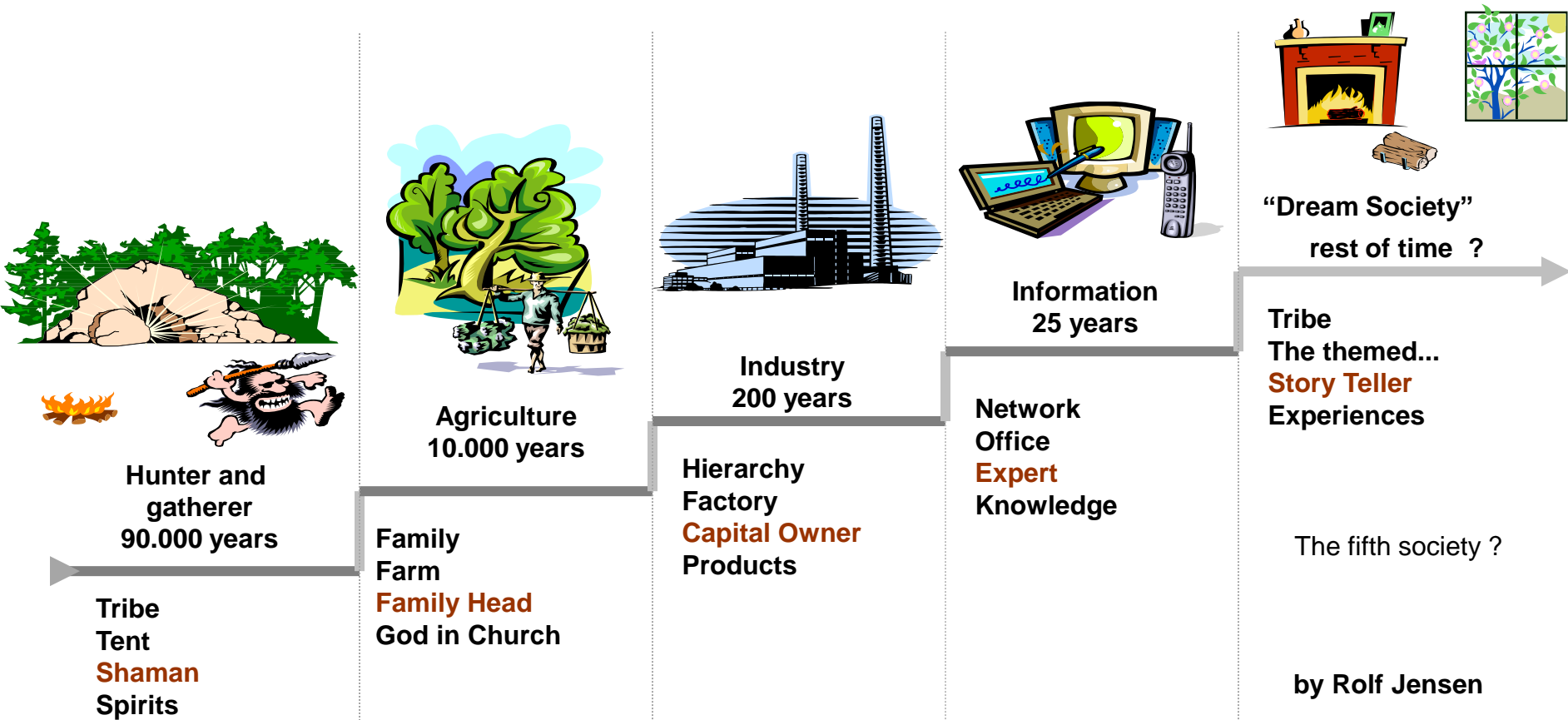


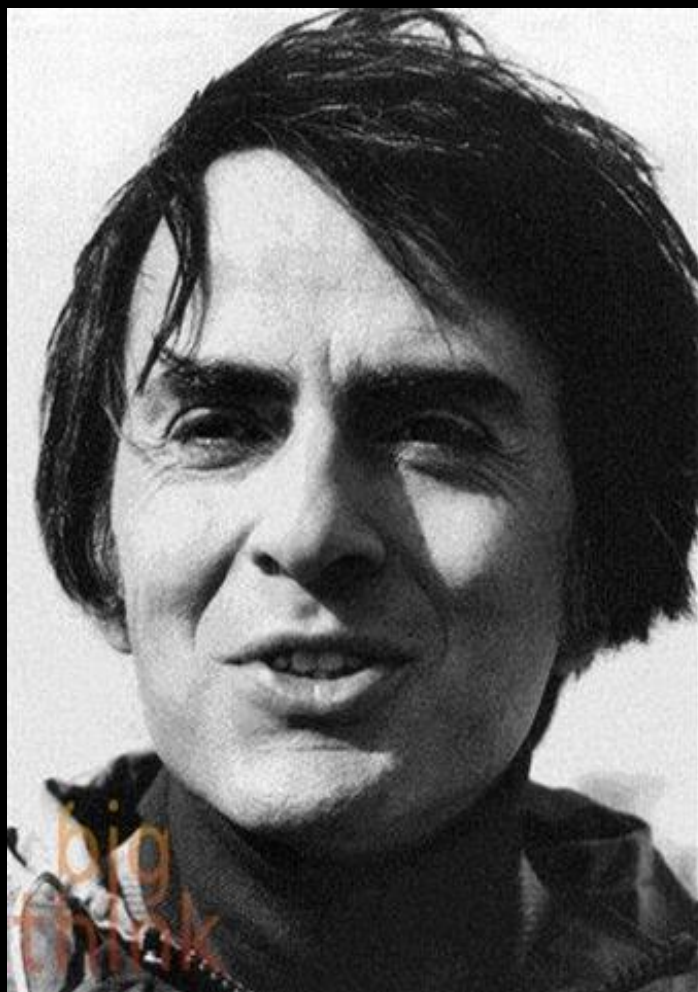


# Rolf Jensen



# Evolucija ljudskog društva





"We live in a society absolutely dependent on science and technology and yet have cleverly arranged things so that almost no one understands science and technology. That's a clear prescription for disaster."

**CARL SAGAN**  
Popular Scientist



**„DREAM SOCIETY”**  
**Experience economy**

value of a player:  
~ 2000 teachers





**Cultural collapse** is the decline, decay of population's "rituals", habits, interpersonal communication, relationships, art, and language.





## JUDGMENT AND DECISION MAKING

VOLUME 10, NUMBER 6, NOVEMBER 2015

[Judgment and Decision Making, Vol. 10, No. 6, November 2015, pp. 549–563](#)

### On the reception and detection of pseudo-profound bullshit

Gordon Pennycook\* James Allan Cheyne† Nathaniel Barr† Derek J. Koehler†

Jonathan A. Fugelsang†

#### Abstract

Although bullshit is common in everyday life and has attracted attention from philosophers, its reception (critical or ingenuous) has not, to our knowledge, been subject to empirical investigation. Here we focus on pseudo-profound bullshit, which consists of seemingly impressive assertions that are presented as true and meaningful but are actually vacuous. We presented participants with bullshit statements consisting of buzzwords randomly organized into statements with syntactic structure but no discernible meaning (e.g., “Wholeness quiets infinite phenomena”). Across multiple studies, the propensity to judge bullshit statements as profound was associated with a variety of conceptually relevant variables (e.g., intuitive cognitive style, supernatural belief). Parallel associations were less evident among profundity judgments for more conventionally profound (e.g., “A wet person does not fear the rain”) or mundane (e.g., “Newborn babies require constant attention”) statements. These results support the idea that some people are more receptive to this type of bullshit and that detecting it is not merely a matter of indiscriminate skepticism but rather a discernment of deceptive vagueness in otherwise impressive sounding claims. Our results also suggest that a bias toward accepting statements as true may be an important component of pseudo-profound bullshit receptivity.

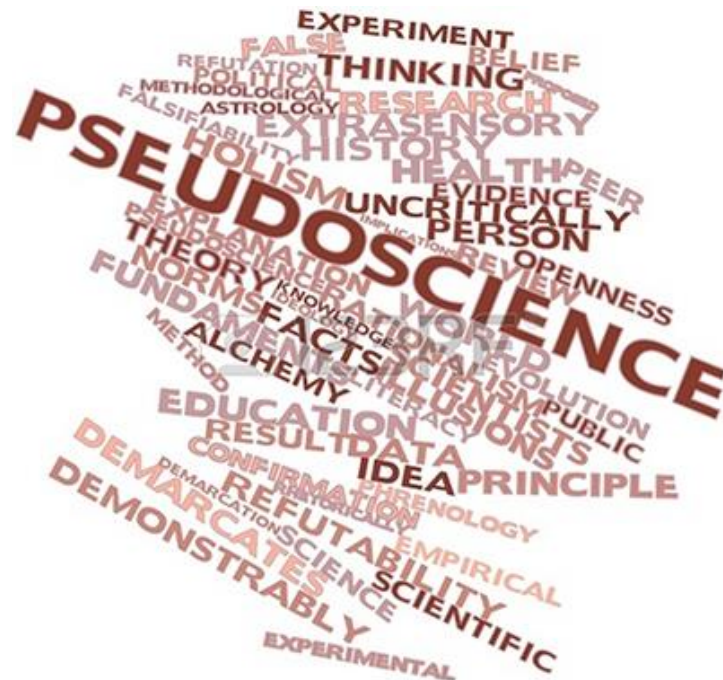
**Keywords:** bullshit, bullshit detection, dual-process theories, analytic thinking, supernatural beliefs, religiosity, conspiratorial ideation, complementary and alternative medicine.

## 1 Introduction

“It is impossible for someone to lie unless he thinks he knows the truth. Producing bullshit requires no such conviction.” – Harry Frankfurt

## 2 Pseudo-profound bullshit

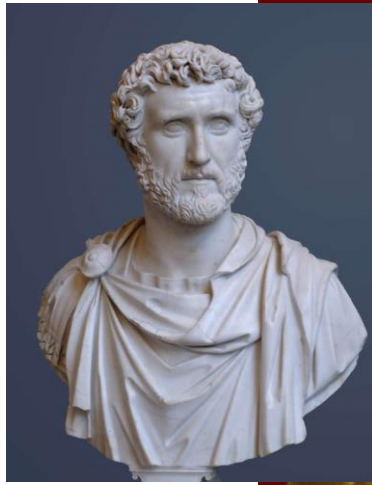
The Oxford English Dictionary defines bullshit as, simply, “rubbish” and “nonsense”, which unfortunately does not get to the core of bullshit. Consider the following statement:



<http://nr.news-republic.com/Web/ArticleWeb.aspx?regionid=48&articleid=53143276>



# Congiarium



**Marcus Cornelius Fronto**  
(c. 100 – late 160s)

I consider it good policy that the prince did not neglect the theatre or the circus and arena, as he well knew that there are two things which the Roman applaud especially—the distribution of grain, and games. The neglect of the important thing [grains] causes great harm, of the frivolous thing [entertainment] greater hatred—the crowd hungering more for games than for bread, because by the gift to the people [congiarium] only those who are authorized to receive the grain will be gratified, while by the games the whole population is pacified.

— *Fronto, Prim. Hist.*, p. 249, ed., Barthold Georg Niebuhr



Control of aggression:  
historical experiences "GAMES,, ... seling „dreams”



# Idiocracy (2006)

R | 84 min | Adventure, Comedy, Sci-Fi

IMDb

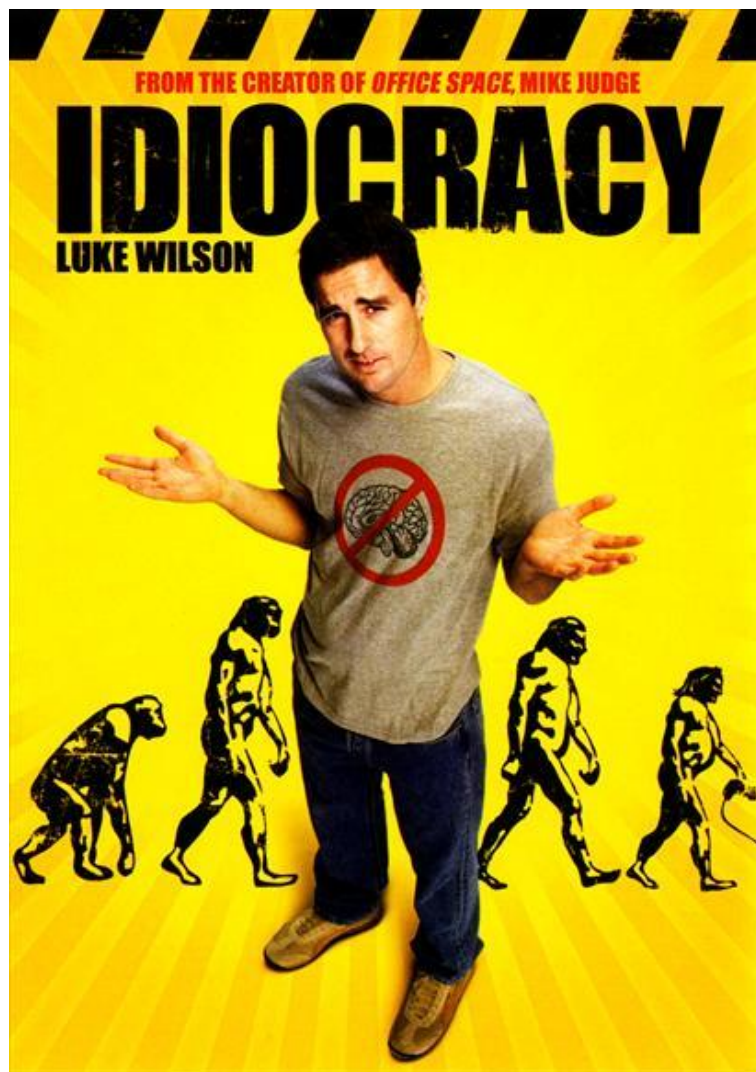
6.5

Ratings: 6.5/10 from 99,985 users Metascore: 64/100

Reviews: 418 user | 119 critic | 8 from Metacritic.com

Private Joe Bauers, the definition of "average American", is selected by the Pentagon to be the guinea pig for a top-secret hibernation program. Forgotten, he awakes five centuries in the future. He discovers a society so incredibly dumbed down that he's easily the most intelligent person alive.

*Dirnuo politički nekorektnu temu, nešto o čemu se ne smje govoriti (USA)  
....implicitly advocating a terrible solution (eugenics)*

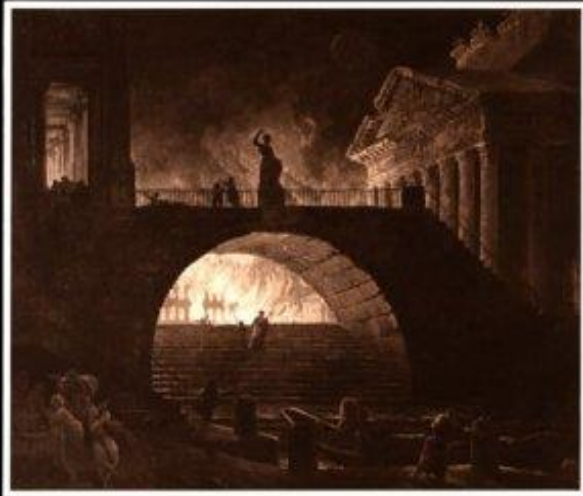




New Studies in Archaeology

# The Collapse of Complex Societies

JOSEPH A. TAINTER



Joseph Tainter

naša civilizacija će doživjeti  
kolaps u periodu  
unutar 35 do 50 godina”

“The Collapse of Complex Societies,” (1988.)

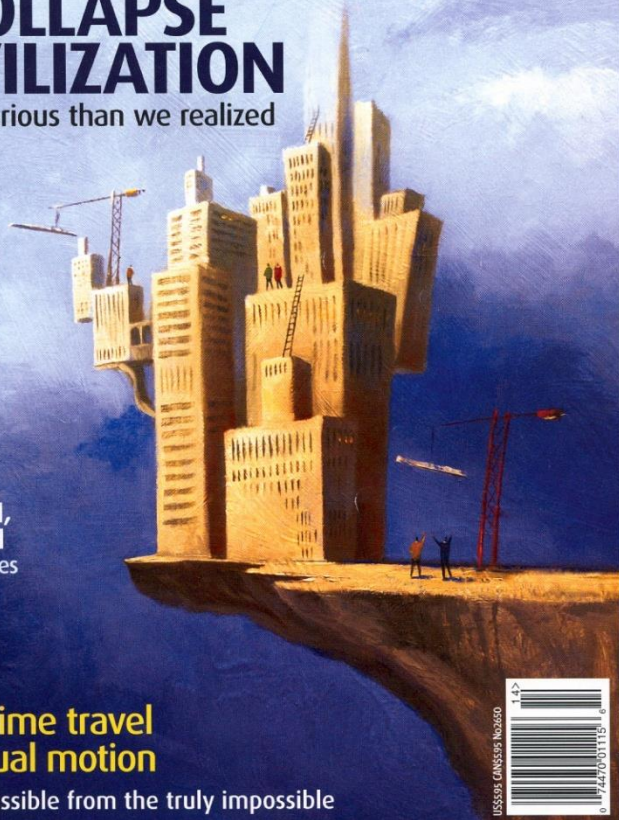
SCIENCE AND TECHNOLOGY NEWS | THE WEEK'S BEST IDEAS | US JOBS IN SCIENCE

# NewScientist

April 5-11, 2008

## THE COLLAPSE OF CIVILIZATION

It's more precarious than we realized

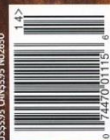


### TROUBLED MEN, SMART WOMEN

Beware sexy theories  
of sex differences

### Telepathy, time travel and perpetual motion

Sorting the impossible from the truly impossible



## Why the demise of civilisation may be inevitable

02 April 2008, Debora MacKenzie ,  
Magazine issue 2650

### DOOMSDAY.

The end of civilisation.

Every civilisation in history has collapsed, after all. Why should ours be any different?

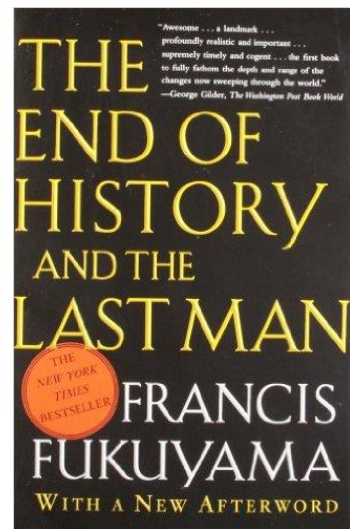
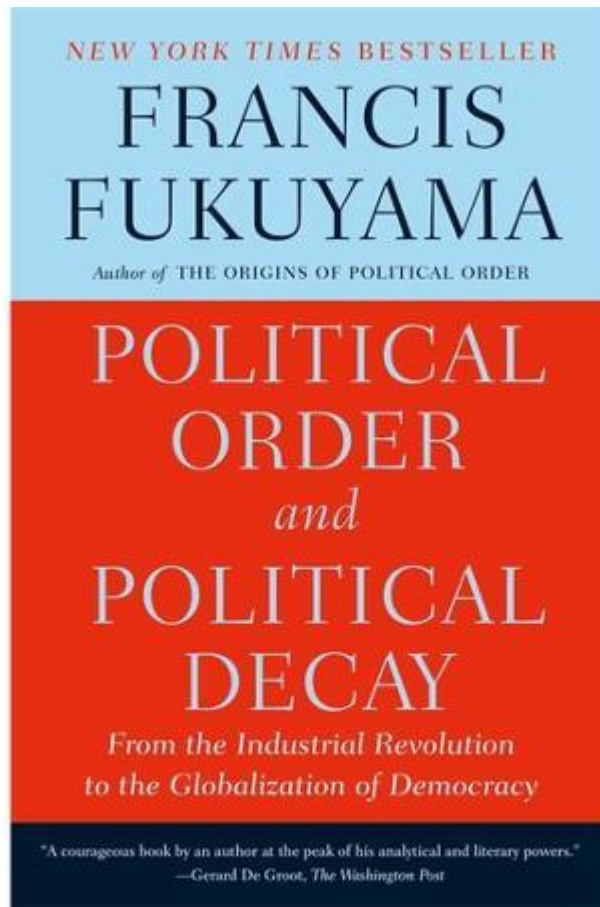
.....

Disturbingly, recent insights from fields such as complexity theory suggest that they are right. It appears that once a society develops beyond a certain level of complexity it becomes increasingly fragile



## Francis Fukuyama

Political Order and Political Decay: From the Industrial Revolution to the Globalization of Democracy (2014)



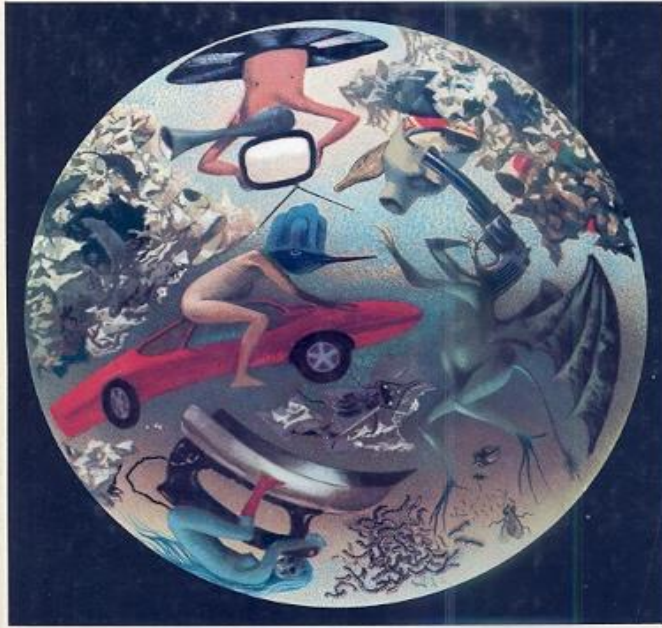


Roberto Vacca

# IL MEDIOEVO PROSSIMO VENTURO

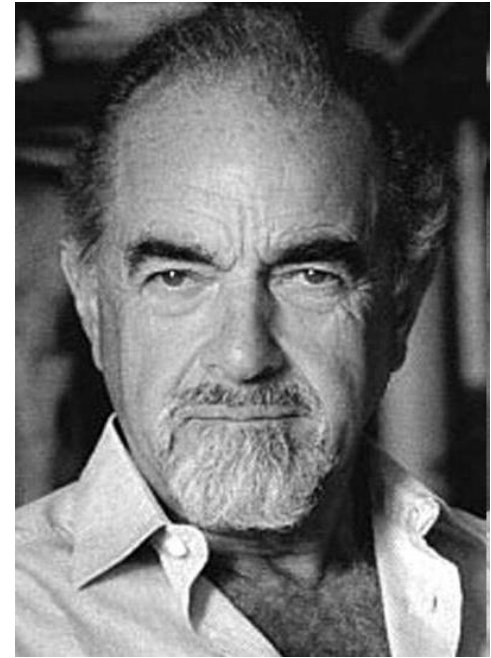
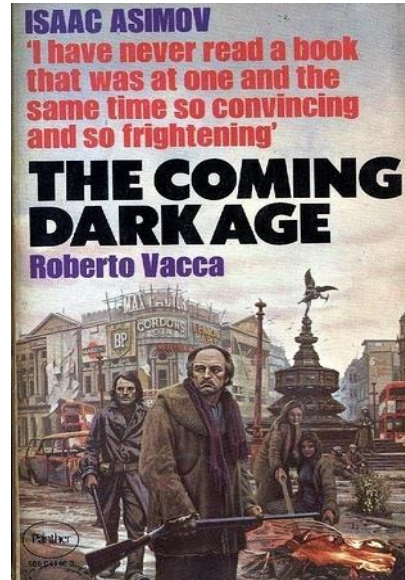
LA DEGRADAZIONE  
DEI GRANDI SISTEMI

ARNOLDO MONDADORI  
EDITORE



Medioevo Prossimo Venturo,  
La Degradazione Dei Grandi  
Sistemi

"The Coming Dark Age"



Roberto Vacca

SCIENTIFIC ADVANCEMENT

1000 BCE

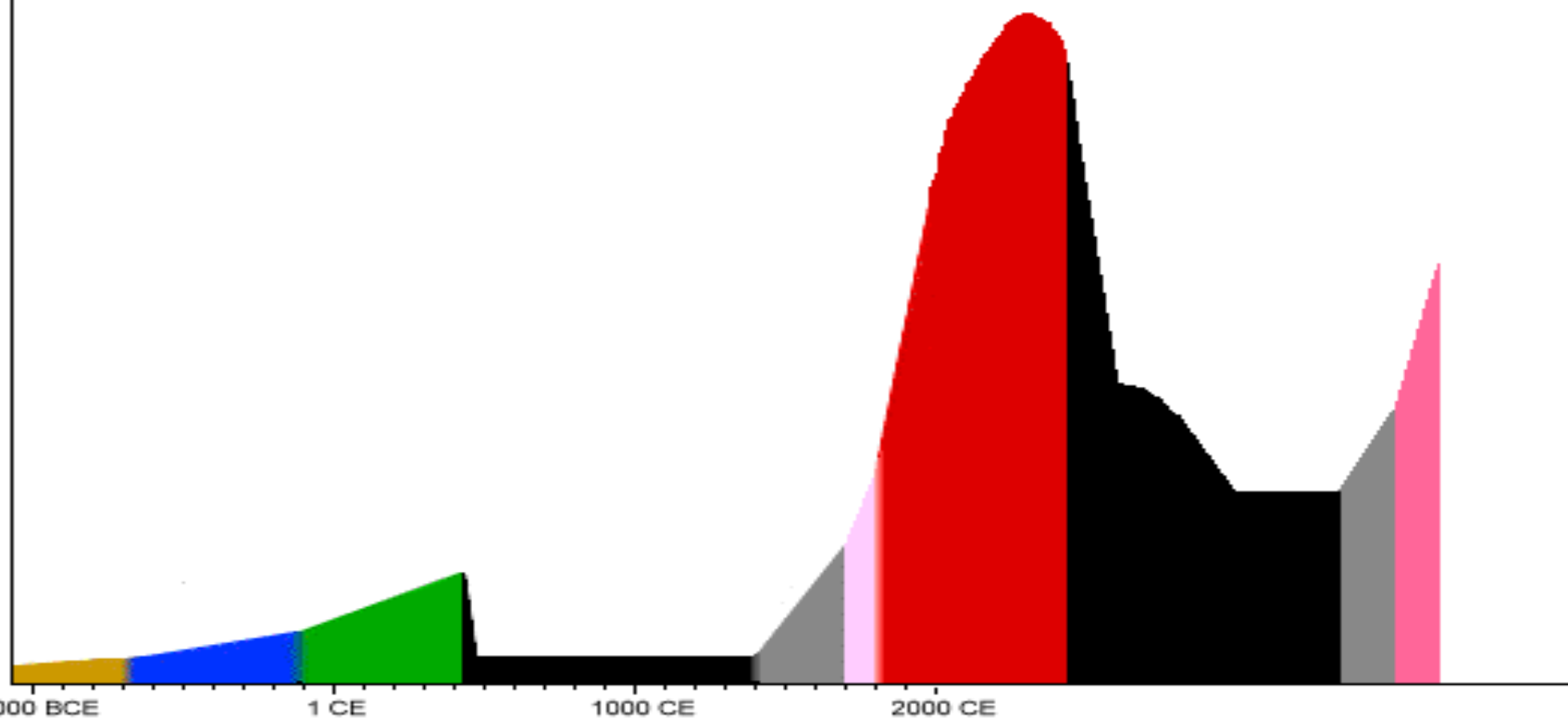
1 CE

1000 CE

2000 CE

- Egyptian
- Greek
- Roman
- Dark Ages

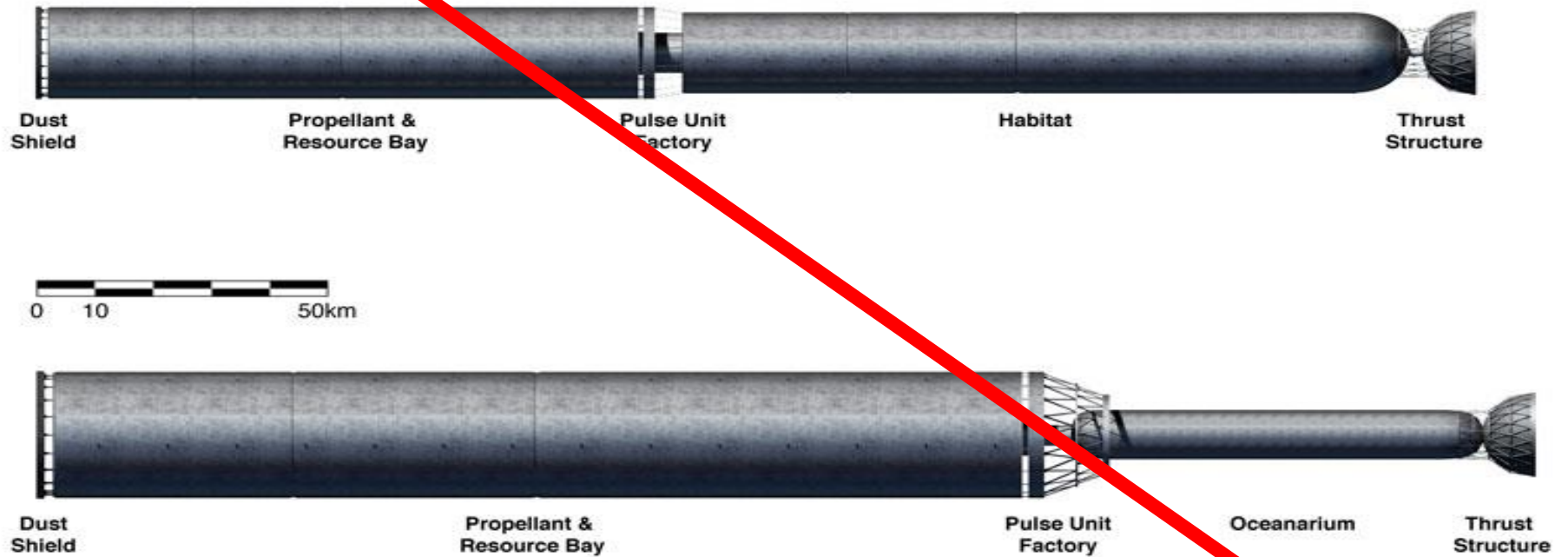
- Renaissance
- Age of Enlightenment
- Modern Science







Worldships  
+ 3000 g.









**DEEP FREEZE:** A repository for 2.5 billion seeds has been carved out of an Arctic mountainside in the Svalbard archipelago.







## Planets Digital Genome TimeCapsule

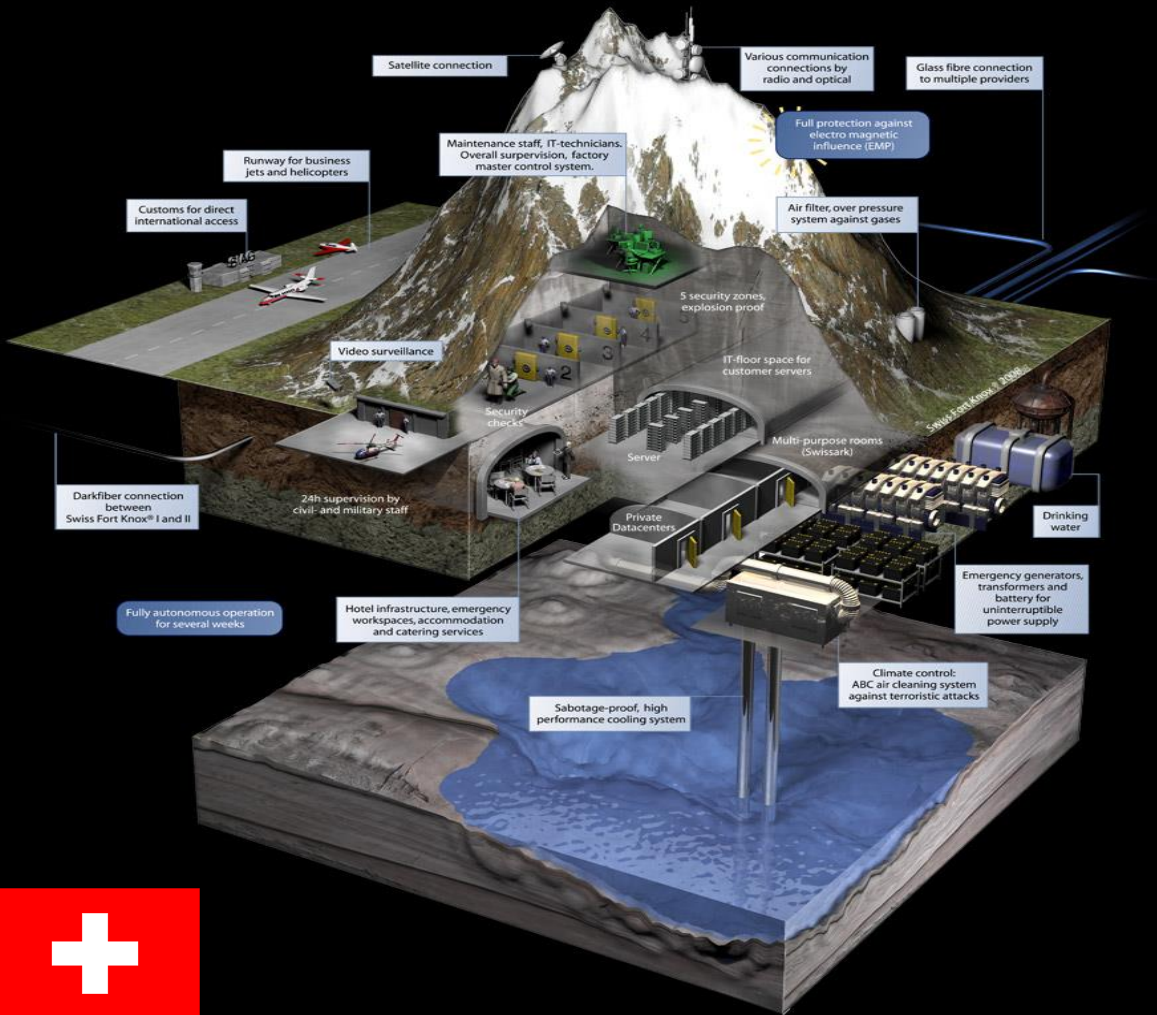
Planets TimeCapsule Deposit at Swiss Fort Knox  
on Tuesday 18 May 2010. [Click for more information](#)



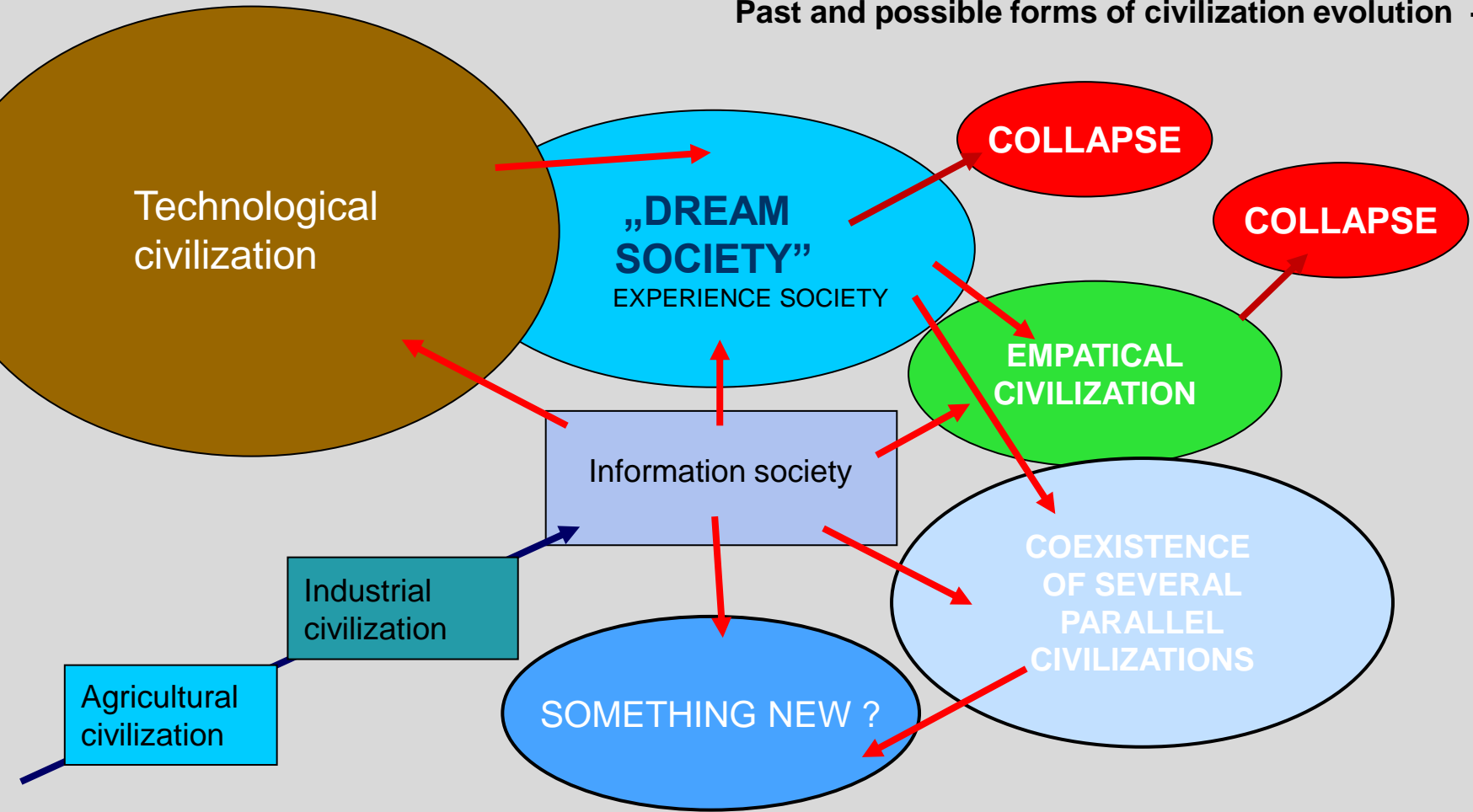
Saanen, Switzerland



# "Digital genome"



# Past and possible forms of civilization evolution + 50 y.





Mattel and National Geographic  
.....to inspire kids to pursue STEM fields.

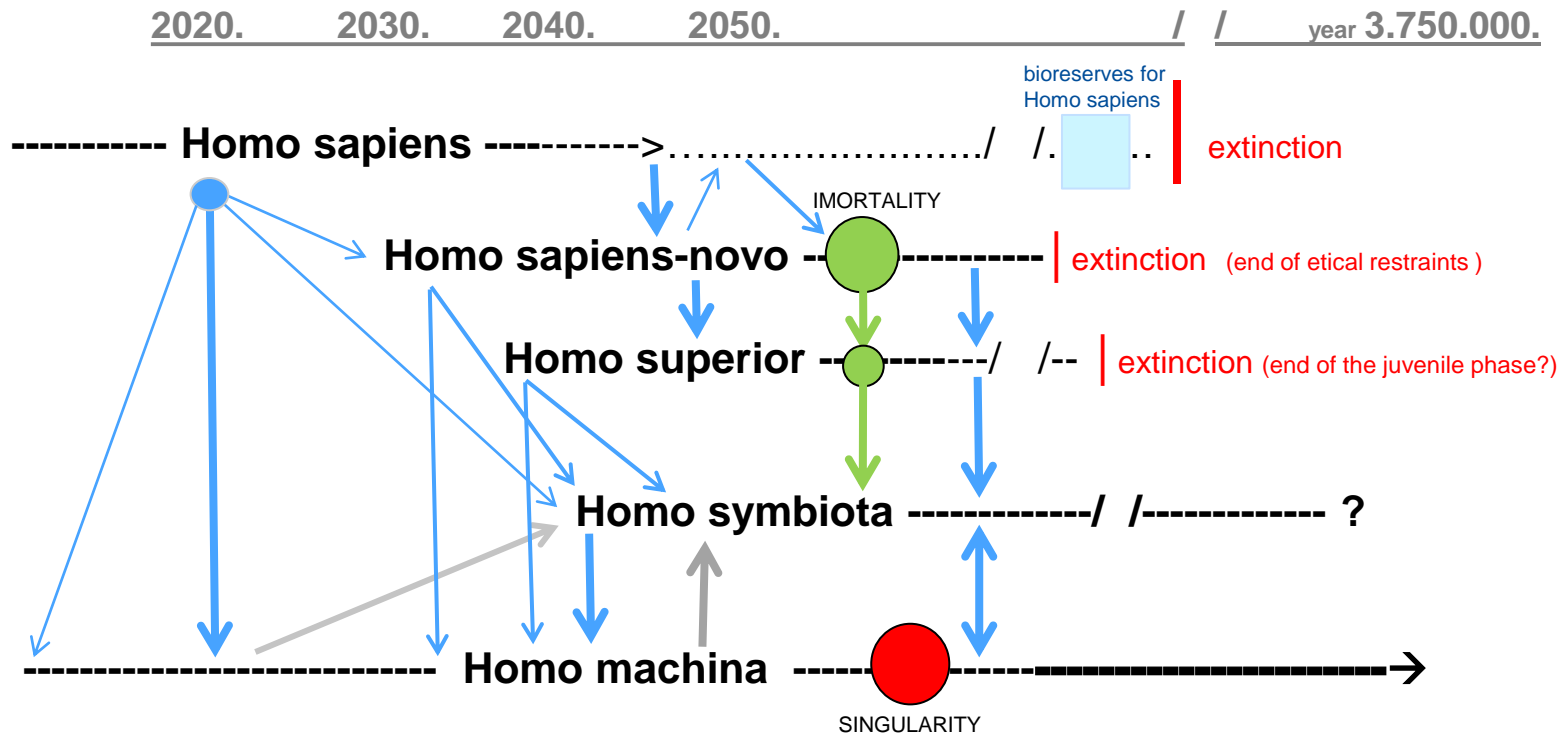


Astrophysicist Barbie

# Transhuman Agenda



Transhumanism





US-STROYLO

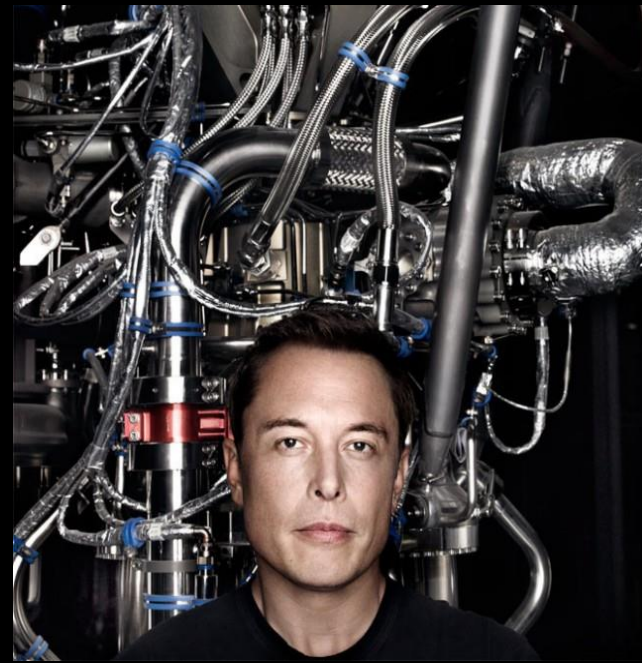


# Može li što poći krivo?



<http://futureoflife.org/>

“ ..... A group of scientists just got awarded \$7 million to find ways to ensure artificial intelligence doesn't turn out evil. The Boston-based Future of Life Institute (FLI), a nonprofit dedicated to mitigating existential risks to humanity, announced last week that 37 teams were being funded with the goal of keeping AI "robust and beneficial." Most of that funding was donated by Elon Musk”



**Elon Musk**

## Osumnjičeni

(Person of Interest, 2011. – 2016.)

TV serija



8.5

43min | Action, Crime, Drama



# Ex Machina (2014)



7.7

1h 48min | Drama, Mystery, Sci-Fi





*Homo sapiens*



**Kod nas se očekuje, ..... ignoriranje stvarnosti..**



DJEDE,  
RAZMIŠLJAM  
O KARIJERI U  
ORGANIZIRANOM  
KRIMINALU

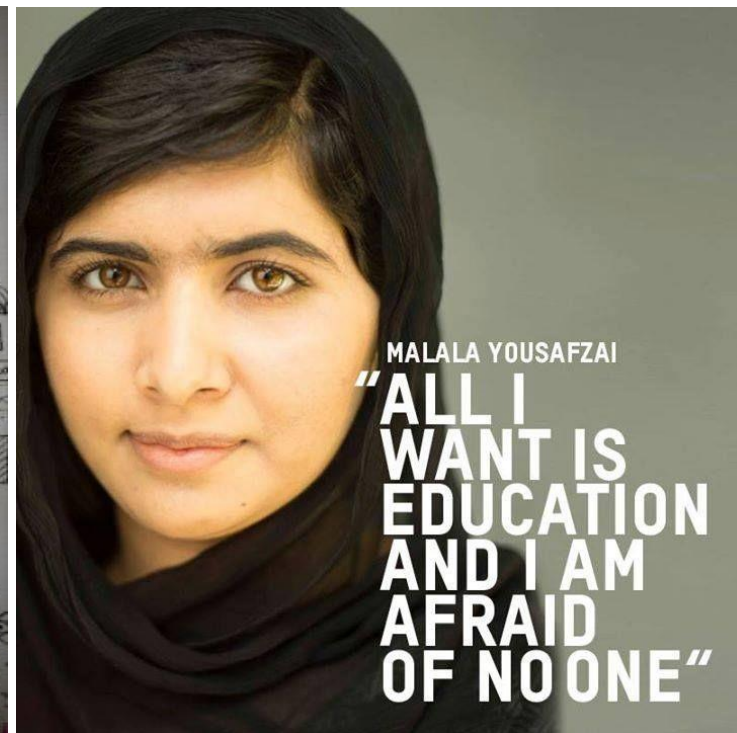
U DRŽAVNOJ  
SLUŽBI ILI  
PRIVATNOM  
SEKTORU?





# EDUKACIJA

odgoj za budućnost





## **Djeca:**

- **4,8% BDP-a – školstvo**
- **20% populacije**
- **100% budućnosti**

World Economic Forum's Future of Jobs Survey:

**“a wide range of occupations will require a higher degree of cognitive abilities — such as creativity, logical reasoning and problem sensitivity — as part of their core skill set.**

I believe in a future where the point of education is not to prepare you for another useless job, but for a life well lived

”

Rutger Bregman  
*Journalist and Author*



# **Odgoj(i) za budućnost**

- Grupe formirane prema interesu a ne dobi
- Sposobnost rada u grupi / u projektu
- Sposobnost stalnog učenja
- Sposobnost uočavanja struktura i odnosa
- Prepoznavanje tipa informacija
- Logičko razmišljanje
- Strast
- Kreativnost
- Poduzetnost
- Nema potrebe učenja činjenica (domaća zadaća prije školskog sata)
- učeniku trebaju barem 3m<sup>2</sup> radnog prostora
- .....

# PODUZETNOST I INICIJATIVNOST UČENIKA OSNOVNIH ŠKOLA U REPUBLICI HRVATSKOJ: *POPULACIJSKA PERSPEKTIVA*

Boris Jokić, Zrinka Ristić Dedić, pedagozi osnovnih škola  
Krapinsko-zagorske, Međimurske, Varaždinske, Zagrebačke županije i Grada Zagreba

2014.-2016.

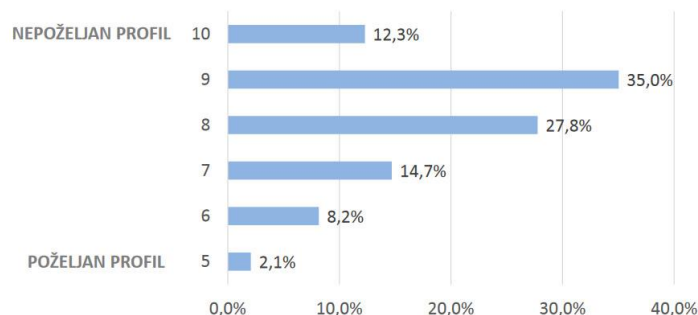
## ZAKLJUČAK:

- Većina učenika osnovnih škola pokazuju sklonost prema odgovorima koji sugeriraju nisku razinu razvijenosti dimenzija u osnovi kompetencije Inicijativnost i poduzetnost
- a tome su posebno skloni učenici osmih razreda
- Učenici radije odabiru kraći put, sigurnost, izvjesnost, ustaljenost....
- Poduzetni profil ima tek 2,1% učenika
- 47,3 učenika potpada u dva krajnja „nepoduzetna profila“
- Spolne razlike su vrlo male, kao i razlike između županija
- Izrazito je važan nalaz o nepovoljnim rezultatima čak i u kategoriji uspješnih učenika
- Posebno zabrinjava pad sklonosti inicijativnosti i poduzetnosti kako učenici prolaze kroz osnovnoškolski odgoj i obrazovanje

[http://www.idi.hr/wp-content/uploads/2017/03/HUP\\_PODUZETNOST\\_I\\_INICIJATIVNOST.pdf](http://www.idi.hr/wp-content/uploads/2017/03/HUP_PODUZETNOST_I_INICIJATIVNOST.pdf)

## RASPODJELA PO UKUPNOM REZULTATU

- Pet pitanja spojena u zajedničku mjeru (zbroj odgovora na svim pitanjima)
- **Rezultat 5 predstavlja poželjan profil** – učenika koji je na svim pitanjima dao odgovor koji odgovara sklonosti inicijativnosti i poduzetnosti
- **Rezultat 10 predstavlja nepoželjan profil** – učenika koji je na svim pitanjima dao odgovor koji znači nesklonost inicijativnosti i poduzetnosti



■ PRIJEM ZA MLADE USPJEŠNIKE

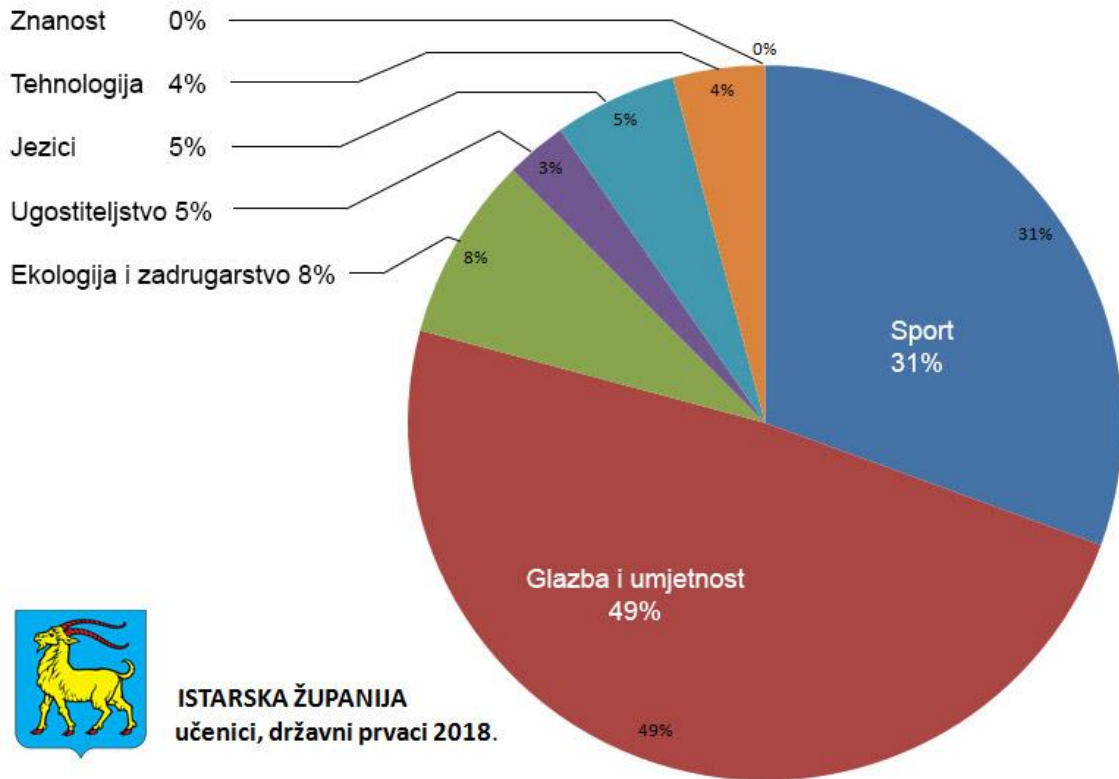
# POLUOTOK PAMETI: Istra ima čak 72 državna prvaka sa školskih natjecanja

28.06.2018 11:26



*Ovo mi je jedan od omiljenih prijema i čast mi je biti danas s ovoliko državnih prvaka, kazao je na prijemu župan Valter Flego čestitajući svim pobjednicima, njihovim mentorima, ali i roditeljima te školama iz kojih dolaze*

U Zajednici Talijana, pulskom Circolu, održan je jučer svečani prijem istarskog župana Valtera Flega za učenike i učenice osnovnih i srednjih škola koji su na državnim natjecanjima po pojedinim predmetima, kao i sportskim natjecanjima, osvojili prvo mjesto. Istra ima, kako se jučer moglo doznati, čak 72 prvaka, koji su osim u znanju iz jezika, poznavanju informatike ili eko-kvizu, briljirali i u pjevanju, likovnim natjecanjima, odbojci...



**ISTARSKA ŽUPANIJA**  
učenici, državni prvaci 2018.





The Global Competitiveness Report 2018 > Competitiveness Rankings

Download PDF Share

## Critical thinking in teaching

In your country, how do you assess the style of teaching? [1 = frontal, teacher based, and focused on memorizing; 7 = encourages creative and critical individual thinking]

Show: **All Economies**

<http://reports.weforum.org/global-competitiveness-report-2018/competitiveness-rankings/#series=EOSQ498>

Info	Rank / 140	Country / Economy	Score 1-7 (best)
	1	United States	5.7
	2	Denmark	5.5
	3	Switzerland	5.4
	4	Finland	5.4
	5	New Zealand	5.3
	6	Sweden	5.3
	7	Netherlands	5.3
	8	Germany	5.2
	9	Qatar	5.2

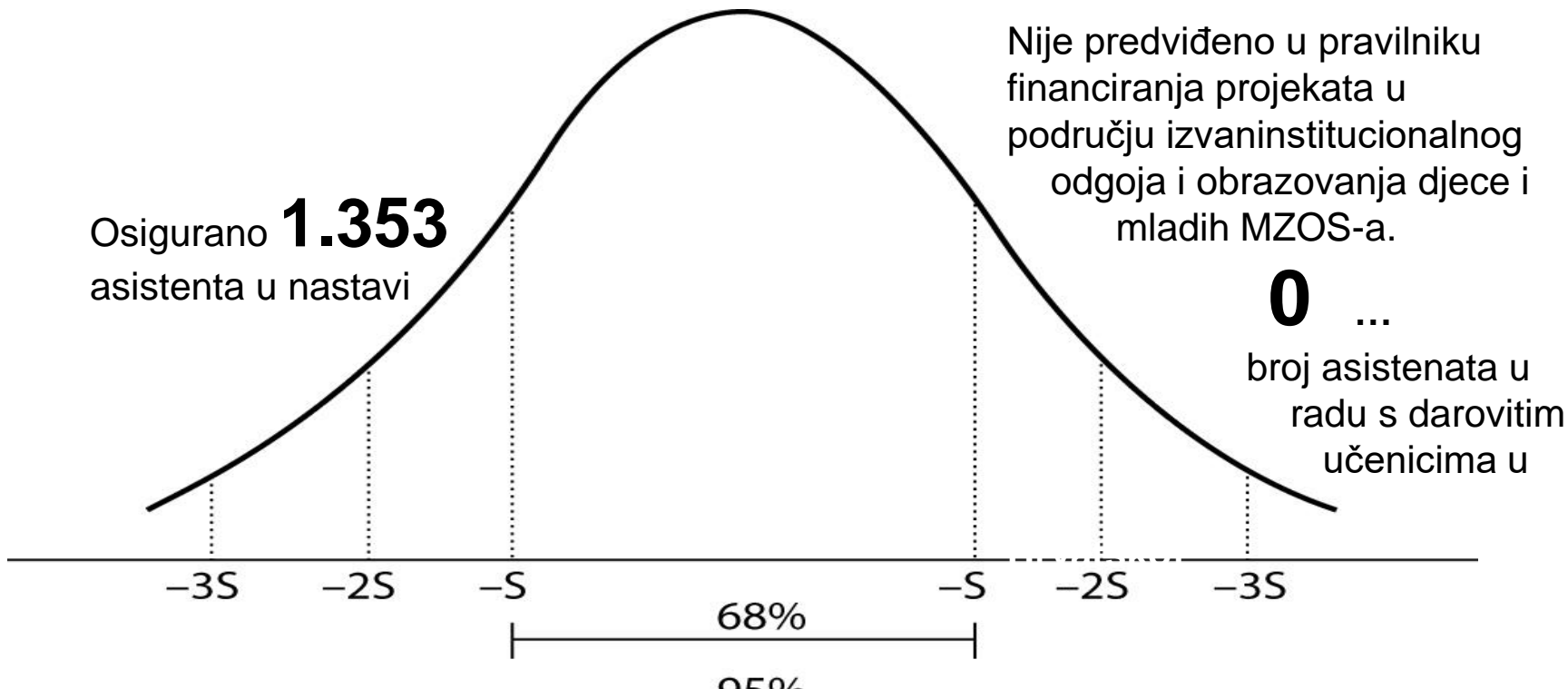
## ALL THE OTHERS

	131	Nigeria	2.5
	132	Mauritania	2.4
	133	Turkey	2.4
	134	Yemen	2.3
	135	El Salvador	2.3
	136	Croatia	2.3
	137	Guinea	2.3
	138	Morocco	2.2
	139	Haiti	2.1
	140	Angola	1.9

Source: World Economic Forum, Executive Opinion Survey



Republika Hrvatska  
2014.



21.10.2017.

# Plenković: Povećat ćemo nagrade za vrhunske sportaše za 100 posto

Piše: D. Ma., Hina  
Objavljeno prije 2 sata

Share 2

Tekst



Foto: Hina





Gledamo **20 godina** vrhunske edukacije za buduće nositelje znanstveno tehnološkog razvoja.....u Istarskoj županiji



**OMG**



# Neki zaključak?

... Gdje ste Vi u tome?

Kako preživjeti sadašnjost?

Kako se pripremiti za budućnost ?





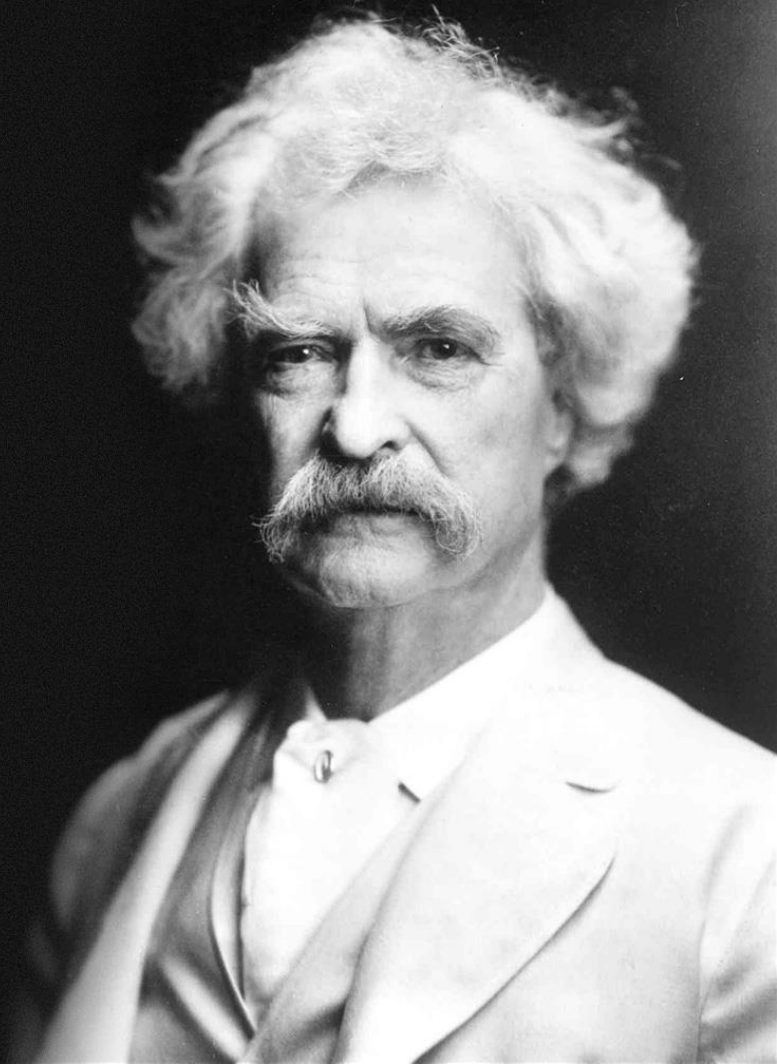
"Be the change that you wish to see in the world."

"Budi promjena koju želiš vidjeti u svijetu."

*Mahatma Gandhi*

**'The two most important days in  
your life are the day you are born  
and the day you find out why.'**

*— Mark Twain —*



A odrasli ?

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ostanite dijete i  
čudite se svijetu

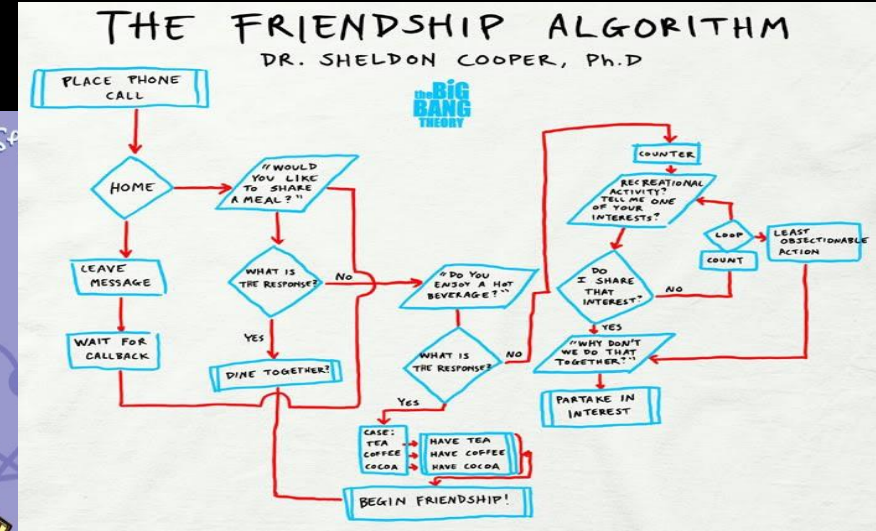
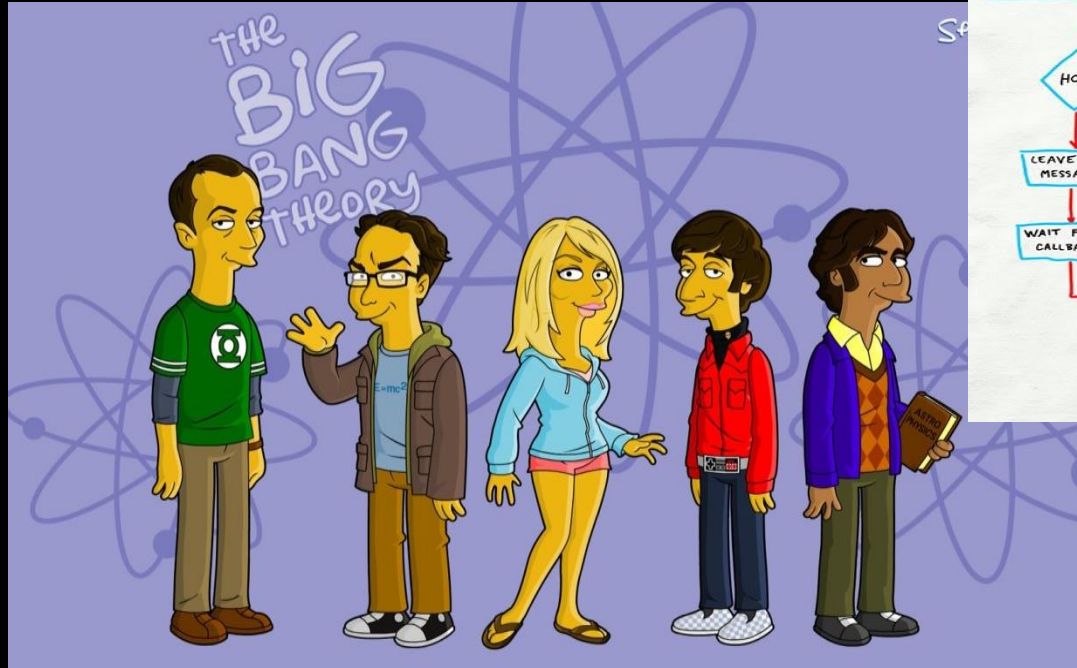




budite različiti



# Find people like you !





tray to do “the impossible”, use *PASSION* !



I DALJE NAM JE CILJ:

Motivirati, odgajati i podupirati mlade, da izraze svoju darovitost, da “izrastu” u eksperte, edukatore i lidere, da oni stvaraju svijet koji dolazi.



# **Zahvaljujem na pažnji!**

Ako mislite da budućnost stvaramo mi sami, pridružite nam se!